

ANNUAL PROCUREMENT PLAN FOR PROCUREMENT OF UNDER ADP SCHEMES  
FOR THE YEAR 2025-26.

Name of Procuring Agency:

SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCES SEHWAN  
HEALTH DEPARTMENT GOVERNMENT OF SINDH.

S#	Title of Procurement	Name of Schemes	Estimated Cost	Procurement Method**	Tentative Time of Procurement	Remarks (if any)
01	Procurement Plan of Machinery/Equipment/Installation Furniture & Fixture/Transport (Coaster )/Computer hardware/Books Newspapers and periodicals.	Establishment of Nursing & Paramedical School at SASIMS ADP No 1069	68.216(M)	Open Competitive Bidding	4th Quarter (2025-2026)	E-Bid through E-pak Acquisition and Disposable System (EPADS)
02	Procurement Plan of Machinery/Equipment/Installation Furniture Fixture/ Transport (Fork lifter) /Computer Equipment & others	State of Art Warehouse in premises of SASIMS ADP No 945	28.806(M)		4th Quarter 2025-26 & Fiscal Year 2026-27	
03	Procurement Plan of Machinery/Equipment Furniture Fixture	Emergency Cum-Rapid Response Center at SASIMS ADP No 942	211.748(M)			

  
DIRECTOR  
SAYED ABDULLAH SHAH INSTITUTE  
OF MEDICAL SCIENCES SEHWAN



# آفيس آف دي ڊائريڪٽر

## سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس سيوهڻ

### هيٺ ڊپارٽمينٽ گورنمينٽ آف سنڌ

فون نمبر: 4620317 / فيڪس: 025\_4620833. اي ميل: [sasims2015sehwan@gmail.com](mailto:sasims2015sehwan@gmail.com)

No: Director SASIMS Sehwan/(File)/2802/2805

Dated: 09/05/2026

# ٽينڊر گھرائڻ جو نوٽيس (NIT) (2025\_26, 2026\_27)

ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ پاران شهرت رکندڙ مينوفڪچر، محاز ايجنٽس، امپورٽرز ۽ سپلائيزن، سب ڊسٽريبيوٽرز کان، جيڪي انڪر ٽيڪس، جنرل سيلز ٽيڪس (GST) ۽ سنڌ روينيو بورڊ (SRB) وٽ رجسٽرڊ ٿيل هجن، مهربند آڇون طلب ڪجن ٿيون. خريداري جو عمل سنڌ پبلڪ پروڪيورمينٽ ريگيوليٽري اٿارٽي (سيپرا) رولز، 2010 ۾ ڏنل رول 46 (سنگل اسٽيج، ٻه لفافا) طريقيڪار مطابق جيڪي 2025 تائين ٿيل ترميمن سميت لاڳو آهن، مالي سال 2025\_2026 ۽ 2026\_2027 لاءِ عمل ۾ آندو ويندو. هيٺ ڏنل ڪيٽيگريز تحت سامان/خدمتن جي فراهمي لاءِ آڇون طلب ڪجن ٿيون.

سيريل نمبر	آي ڊي بي نمبر	تفصيل	خريد/اجراءَ جي تاريخ	آڇ جمع ڪرڻ جي تاريخ	ٽينڊر کولڻ جي تاريخ ۽ وقت	ٽينڊر جي (ناقابل واپسي)	ٽينڊر کولڻ جي ايڊيس
1	942	ايمرجنسي ڪر ريڊ ريسپونس سينٽر SASIMS سيوهڻ لاءِ پلانٽ ۽ مشينري / ايڪوپمينٽس / فريزيجر / فڪچر / ٽرانسپورٽ ايمپوليس	اشاعت جي تاريخ کان	02_06_2026 وقت 12 وڳي	02_06_2026 وقت 12:30 وڳي	3000 رپيا	ڪميٽي هال SASIMS سيوهڻ

### نوٽ:

- ٽينڊر دستاويز لازمي طور سنڌ بي بي آري (EPADS) جي سرڪاري ويب سائيت تان ڊائون لوڊ ڪيا ويندا ۽ دستي طور ٽينڊر دستاويزن جي جاري ڪرڻ جي اجازت نه هوندي.
- آڇ جي رقم ۾ وفاقي ۽ صوبائي حڪومتن طرفان لاڳو ڪيل سمورا ٽيڪس، ليويون، ڊيوٽيز ۽ ٻيون قانوني ادائينگيون شامل تصور ڪيون وينديون ۽ ان سلسلي ۾ ڪنهن به الڳ دعويٰ کي قبول نه ڪيو ويندو.
- ناقابل واپسي ٽينڊر فيس صرف 3,000 رپيا (صرف ٽي هزار رپيا) بي آرڊر جي صورت ۾ ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ جي حق ۾ جمع ڪرائڻي پوندي، جنهن جو FTN نمبر 8\_9030986 آهي.
- واڪ سيڪيورٽي منظور ٿيل پروڪيورمينٽ پلان مطابق ڪوٽيشن ڪيل شين جي 2% (ٻه سيڪڙو) جي حساب سان، بي آرڊر يا ڊيمانڊ ڊرافٽ جي صورت ۾، ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ جي حق ۾ جمع ڪرائڻي پوندي، جنهن جو FTN نمبر 8\_9030986 آهي.
- ڪامياب ٽيڪڊار کي الٽ ڪيل شين جي ڪل معاهدي واري رقم جي 5% (پنج سيڪڙو) جي برابر پرفارمنس سيڪيورٽي، ڪال ڊپازٽ رسيد (CDR) جي صورت ۾ ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ جي حق ۾ جمع ڪرائڻي پوندي.
- اصل واڪ سيڪيورٽي، صحيح نموني مهربند ٿيل آڇن جي جمع ڪرائڻ جي آخري تاريخ کان اڳ پروڪيورمينٽ ونگ ۾ جمع ڪرائڻي لازمي هوندي. واڪ سيڪيورٽي جمع نه ڪرائڻ جي صورت ۾ آڇ رد ۽ نااهل قرار ڏني ويندي.
- سموريون قيمتون DDP بنياد تحت ڪوت ڪيون وڃن.
- آڇ ڏيندڙ کي بي آرڊر ذريعي مقرر ٽينڊر فيس جمع ڪرائڻ بعد پروڪيورمينٽ برانچ کان سرڪاري ٽينڊر رسيد حاصل ڪرڻي پوندي. ڄاڻايل رسيد لازمي طور آڇ سان گڏ لاڳو ڪئي وڃي.
- جيڪڏهن ٽينڊر نوٽيس ۽ تفصيلي ٽينڊر دستاويزن جي مواد ۾ ڪنهن به قسم جو ابهام، تضاد يا اختلاف پيدا ٿيو ته اهڙي صورت ۾ تفصيلي ٽينڊر دستاويزن ۾ درج شرطون ۽ هدايتون حتمي ۽ قابل عمل سمجهيون وينديون.
- جيڪڏهن آڇون کولڻ واري تاريخ تي سرڪاري موڪل قرار ڏني وڃي يا ڪو اوجھو ۽ ناگزير سبب پيش آيو ته آڇون ورنهه ڪير واري ڏينهن تي ساڳئي وقت ۽ ساڳئي هنڌ تي، بغير ڪنهن وڌيڪ اطلاع جي کوليون وينديون.
- ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ کي مڪمل اختيار حاصل هوندو ته هو سيپرا رولز 2010 (2025 تائين ٿيل ترميمن سميت) تحت ڪنهن به مرحلي تي شيڊول ۾ شامل ڪنهن به شيءَ/شين جي مقدار ۾ واڌ يا گهٽتائي ڪري سگهي ٿو ۽ ان لاءِ ڪنهن به سبب بدلائڻ جو باندو نه هوندو.

ڊائريڪٽر سيد عبدالله شاهه  
انسٽيٽيوٽ آف ميڊيڪل سائنس سيوهڻ

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آفيس آف دي ڊائريڪٽر  
سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس سيوهڻ  
هيلٽ ڊپارٽمينٽ گورنمينٽ آف سنڌ

فون نمبر: 4620317 / فيڪس: 025\_4620833. اي ميل: sasims2015sehwan@gmail.com

No: Director.SASIMS.Sehwan/(File)/2802/2805

Dated: 09/05/2026

**ٽينڊر گھراڻي جو نوٽيس (NIT) (2025\_26, 2026\_27)**

ڊائريڪٽر سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ پاران شهرت رکندڙ ميڊيڪل ڪلچر، مجاز ايجنسٽس، امپورٽرز ۽ سپلائيزرن سڀ ڊسٽرپيوٽرز کان جيڪي انڪورٽيڪس جنرل سيلز ٽيڪس (GST) ۽ سنڌ رويٽو بورڊ (SRB) وٽ رجسٽرڊ ٿيل هجن، مهربند آڇون طلب ڪجن ٿيون. خريداري جو عمل سنڌ پبلڪ پروڪيورمينٽ ريگيوليٽري اٿارٽي (سپيرا) روز 2010 ۾ ڏنل رول 46 (سنگل اسٽيج - پ لفاڻا) طريقيڪار مطابق جيڪي 2025 تائين ٿيل ترميمن سميت لاڳو آهن مالي سال 2025-2026 ۽ 2026-2027 لاءِ عمل ۾ آندو ويندو هيت ڏنل ڪيٽيگريز تحت سامان/خدمتن جي فراهمي لاءِ آڇون طلب ڪجن ٿيون.

سيريل نمبر	آي ڊي بي نمبر	تفصيل	خريد/اجراءِ جي تاريخ	آڇ جمع ڪرڻ جي تاريخ	ٽينڊر کولڻ جي تاريخ ۽ وقت	ٽينڊر (ناقابل واپسي)	ٽينڊر کولڻ جي ايڊيس
1	942	ايمرجنسي ڪم ريپڊ رسپانس سينٽر SASIMS سيوهڻ لاءِ پلانٽ ۽ مشينري/ايڪيومينٽس/فرنيجر/فڪچر/ٽرانسپورٽ ايمپولنس	اشاعت جي تاريخ کان	02_06_2026 وقت 12 وڳي	02_06_2026 وقت 12:30 وڳي	3000 رپيا	ڪميٽي هال SASIMS سيوهڻ

**نوٽ:**

- ٽينڊر دستاويز لازمي طور سنڌ جي آري (EPADS) جي سرڪاري ويب سائيٽ تان ڏيکڻ لاءِ ڏنا ويا ويندا ۽ دستي طور ٽينڊر دستاويزن جي جاري ڪرڻ جي اجازت نه هوندي.
- آڇ جي رقم ۽ وفاقي ۽ صوبائي حڪومتن طرفان لاڳو ڪيل سمورا ٽيڪس، ليونين، ڊيوٽيز ۽ ٻيون قانوني ادائينگيون شامل تصور ڪيون وينديون ۽ ان سلسلي ۾ حصو نه وٺڻ.
- ناقابل واپسي ٽينڊر فيس صرف 3,000 رپيا (صرف ٽي هزار رپيا) هي آرڊر جي صورت ۾ ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ جي حق ۾ جمع ڪرائڻي پوندي، جنهن جو FTN نمبر 8\_9030986 آهي.
- واڪ سيڪيورٽي منظور ٿيل پروڪيورمينٽ پلان مطابق ڪوٽيشن ڪيل شين جي 2% (ٻه سيڪڙو) جي حساب سان، هي آرڊر يا ڊيمانڊ ڊرافٽ جي صورت ۾، ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ جي حق ۾ جمع ڪرائڻي پوندي، جنهن جو FTN نمبر 8\_9030986 آهي.
- ڪامياب ٽينڊر کي الات ڪيل شين جي ڪل معاهدي واري رقم جي 5% (پنج سيڪڙو) جي برابر پرفارمنس سيڪيورٽي، ڪال ڊپازٽ رسيد (CDR) جي صورت ۾ ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ جي حق ۾ جمع ڪرائڻي پوندي.
- اصل واڪ سيڪيورٽي، صحيح نموني مهربند ٿيل آڇن جي جمع ڪرائڻ جي آخري تاريخ کان اڳ پروڪيورمينٽ ونگ ۾ جمع ڪرائڻي لازمي هوندي. واڪ سيڪيورٽي جمع نه ڪرائڻ جي صورت ۾ آڇ رد ۽ ناهل قرار ڏني ويندي.
- سموريون قيمتون DDP بنياد تحت ڪوٽ ڪيون وڃن.
- آڇ ڏيندڙ کي هي آرڊر ذريعي مقرر ٽينڊر فيس جمع ڪرائڻ بعد پروڪيورمينٽ برانچ کان سرڪاري ٽينڊر رسيد حاصل ڪرڻي پوندي. چئنايل رسيد لازمي طور آڇ سان گڏ لاڳو ڪئي وڃي.
- جيڪڏهن ٽينڊر نوٽيس ۽ تفصيلي ٽينڊر دستاويزن جي مواد ۾ ڪنهن به قسم جو ابهام، تضاد يا اختلاف پيدا ٿيو ته اهڙي صورت ۾ تفصيلي ٽينڊر دستاويزن ۾ درج شرطون ۽ هدايتون حتمي ۽ قابل عمل سمجهيون وينديون.
- جيڪڏهن آڇون کولڻ واري تاريخ تي سرڪاري موڪل قرار ڏني وڃي يا ڪو اوجھو ۽ ناگزير سبب پيش آيو ته آڇون ورندي ڪم واري ڏينهن تي ساڳئي وقت ۽ ساڳئي هنڌ تي، بغير ڪنهن وڌيڪ اطلاع جي کوليون وينديون.
- ڊائريڪٽر، سيد عبدالله شاهه انسٽيٽيوٽ آف ميڊيڪل سائنس، سيوهڻ کي مڪمل اختيار حاصل هوندو ته هوسپيرا روز 2010 تائين ٿيل ترميمن سميت) تحت، ڪنهن به مرحلي تي شيڊول ۾ شامل ڪنهن به شيءَ/شين جي مقدار ۾ واڌ يا گھٽتائي ڪري سگھي ٿو ۽ ان لاءِ ڪنهن به سبب ٻڌائڻ جو پابند نه هوندو.

ڊائريڪٽر سيد عبدالله شاهه  
انسٽيٽيوٽ آف ميڊيڪل  
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دفتر برائے ڈائریکٹر

سید عبداللہ شاہ انسٹی ٹیوٹ آف میڈیکل سائنس سہون محکمہ صحت حکومت سندھ

فون نمبر: 025-4620317 / فیکس نمبر: 025-4620833

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بتاریخ: 09-05-2026

نمبر: Director.SASIMS.Sehwan/(File)-2802/2805

ٹینڈر کو مدعو کرنے کا نوٹس (این آئی ٹی)

(2026-27, 2025-26)

ڈائریکٹر، سید عبداللہ شاہ انسٹی ٹیوٹ آف میڈیکل سائنس، سہون، اس طرح معروف میڈیکل سپلائرز، مجاز ایجنٹوں، درآمد کنندگان، اور سپلائرز سب ڈسٹری بیوٹرز سے انکم ٹیکس، جرنل سیلز ٹیکس (GST) اور سندھ ریونیو بورڈ (SRB) کے ساتھ رجسٹرڈ سیل بند بولیوں کو مدعو کرتے ہیں۔  
 خریداری مالی سال 2026-2027، 2025-2026 کے لیے سندھ پبلک پروکیورمنٹ رولز (SPPRA) رولز، 2010 (جیسا کہ 2025 تک ترمیم شدہ) کے رول 46 (سنگل اسٹیج - ودلفائفے کا طریقہ کار) کے مطابق کی جائے گی۔

مندرجہ ذیل زمروں کے تحت سامان/خدمات کی خریداری کے لیے بولیاں طلب کی جاتی ہیں۔

نمبر	ADP نمبر	تفصیل	تاریخ خریداری اجراء	بولی جمع کرانے کی تاریخ	ٹینڈر رکھنے کی تاریخ اور وقت	ٹینڈر فیس (ناقابل واپسی)	ٹینڈر رکھنے کا پتہ
1	942	پلانٹ اور مکینری کی مشینری/سامان/ساز و سامان/ٹینڈر/انڈسٹریل ایپلیکیشن برائے ایمرجنسی کم سپڈ رسپانس سنٹر SASIMS سہون۔	اشاعت کی تاریخ سے	02-06-2026 دوپہر 12 بجے تک	02-06-2026 12.30 بجے تک	3,000 روپے	میٹھی-ہال SASIMS سہون

نوٹ:

- ٹینڈر دستاویزات کو لازمی طور پر پی پی آر سے سندھ (ای پی اے ڈی ایس) کی آفیشل ویب سائٹ سے ڈاؤن لوڈ کیا جائے گا، اور بولی کی دستاویزات کے دستی اجراء پر غور نہیں کیا جائے گا۔  
 - بولی کی قیمت تمام قابل اطلاق سرکاری ٹیکس، لیویز، ڈیوٹیوں اور وفاقی اور صوبائی حکومتوں کی طرف سے عائد کردہ دیگر قانونی ذمہ داریوں پر مشتمل سمجھی جائے گی، اور اس سلسلے میں کوئی علیحدہ دعویٰ قابل قبول نہیں ہوگا۔  
 - ایک ناقابل واپسی ٹینڈر فیس جس کی رقم روپے ہے۔ 3,000 (روپے صرف تین ہزار) ڈائریکٹر، سید عبداللہ شاہ انسٹی ٹیوٹ آف میڈیکل سائنس سہون کے حق میں نکالے گئے پے آرڈر کی شکل میں جمع کرانے جائیں گے، جس کا FTN نمبر 8-9030986 ہے۔  
 - بولی کی ضمانت، FTN نمبر 8-9030986 والے سید عبداللہ شاہ انسٹی ٹیوٹ آف میڈیکل سائنس سہون کے ڈائریکٹر کے حق میں ایک پے آرڈر یا ڈیما نڈ ڈرافٹ کی شکل میں منظور شدہ پروکیورمنٹ پلان میں بیان کردہ حوالہ کردہ اشیاء کے 2% (دو فیصد) کی شرح سے پیش کی جائے گی۔  
 - کامیاب بولی دہندہ کو اپنا پے آرڈر کی گئی اشیاء کی کل کنٹریکٹ ویلیو کے 5% (پانچ فیصد) کے مساوی پر فارمنس سیکورٹی جمع کروانے کا پابند ہوگا، کال ڈپازٹ رسید (سی ڈی آر) کی صورت میں سید عبداللہ شاہ انسٹی ٹیوٹ آف میڈیکل سائنس سہون کے ڈائریکٹر کے حق میں۔  
 - اصل بولی سیکورٹی، جو کہ مناسب طور پر سیل کی گئی ہے، بولی جمع کرانے کی آخری تاریخ سے پہلے پروکیورمنٹ ونگ جمع کرانی کی جائے گی۔ اسے جمع نہ کروانا بولی کو یکسر مسترد اور ناقابل قرار دے گا۔  
 - تمام شرحیں ڈی ڈی پی کی بنیاد پر دی جائیں گی۔  
 - بولی دہندہ کو پے آرڈر کے ذریعے تجویز کردہ ٹینڈر فیس جمع کرانے پر پروکیورمنٹ برانچ سے سرکاری ٹینڈر کی رسید حاصل کرنا ہوگا۔ مذکورہ رسید کو ہمیشہ کھلیکی تجویز کے ساتھ منسلک کیا جانا چاہئے۔ ایسا نہ کرنے کی صورت میں بولی کو غیر جوابدہ اور مسترد کر دیا جائے گا۔  
 - ٹینڈر نوٹس کے مندرجات اور ٹینڈر کے تفصیلی دستاویزات کے درمیان کسی ابہام، تضاد یا عدم مطابقت کی صورت میں، ٹینڈر دستاویزات میں موجود دستاویزات غالب ہوں گی اور انہیں پابند سمجھا جائے گا۔  
 - اگر بولی کھولنے کی تاریخ کو تمام تھیل کا اعلان کیا جاتا ہے یا کوئی غیر متوقع یا ناگزیر حالات پیدا ہوتے ہیں تو بغیر کسی اطلاع کی بولیاں اگلے کاروباری روز اسی وقت اور مقام پر کھولی جائیں گی۔  
 - ڈائریکٹر، سید عبداللہ شاہ انسٹی ٹیوٹ آف میڈیکل سائنس سہون، بغیر کسی وجہ بتائے، SPPRA رولز، 2010 (جیسا کہ 2025 تک ترمیم شدہ) کے مطابق، کسی بھی مرحلے پر شیڈول میں بیان کردہ کسی بھی اسٹیم (آہٹیم) کی مقدار کو بڑھانے یا کم کرنے کا مکمل اور غیر متزلزل حق محفوظ رکھتا ہے۔

ڈائریکٹر

سید عبداللہ شاہ انسٹی ٹیوٹ آف  
 میڈیکل سائنس سہون

INF-KRY 1795/2026  
 WORK FOR SINDH  
 www.iwork4sindh.com  
 JOB PORTAL BY  
 INFORMATION DEPARTMENT



**OFFICE OF THE DIRECTOR  
SAYED ABDULLAH SHAH INSTITUTE  
OF MEDICAL SCIENCE SEHWAN  
HEALTH DEPARTMENT GOVERNMENT OF SINDH**



PHONE NO: 025 4620317/ FAX NO: 025-4620833

Email: sasims2015sehwan@gmail.com

NO Director.SASIMS.Sehwan/(File)/- 2802/

DATED: 09/05/2026

To

The Director Information (Advertisement),  
Publication Department 95/96,  
Pakistan Secretariat,  
Opp: Sindh Assembly Gate Karachi.


**SUBJECT: ADVERTISEMENT OF TENDER.**

Enclose please find herewith (07) seven copies of Notice Inviting Tender to the procurement of Furniture & Fixtures / Machinery / Equipments/Transport Coaster/ Fork Lifter and Others for the as below:

1. Construction of Emergency Cum Rapid Response Center at Sayed Abdullah Shah Institute of Medical Sciences Sehwan (SASIMS) Sehwan Jamshoro (ADP No: 942/2025-26).

It is therefore requested to kindly make necessary arrangement for the advertisement of same in three newspapers English, Urdu & Sindhi at an early date.  
Relevant newspaper may also be sent.

Enclosure:  
Seven copies of NIT.

  
(DR. M: MOUINUDDIN SIDDIQUI)  
DIRECTOR SASIMS SEHWAN

**CC Information :-**

1. The secretary Government of Sindh Health Department Karachi.
2. The Director General Health Services Sindh Hyderabad
3. The Managing Director SPPRA Sindh Karachi.

  
(DR. M: MOUINUDDIN SIDDIQUI)  
DIRECTOR SASIMS SEHWAN



**OFFICE OF THE DIRECTOR**  
**SAYED ABDULLAH SHAH INSTITUTE**  
**OF MEDICAL SCIENCE SEHWAN**  
**HEALTH DEPARTMENT GOVERNMENT OF SINDH**



PHONE NO: 025 4620317/FAX NO: 025-4620833

Email: sasims2015sehwan@gmail.com

NO. Director.SASIMS.Sehwan/(File)/- 2802/2805

DATED: 09/05/2026

**NOTICE INVITING TENDER (NIT)**  
**(2025-26, 2026-27)**

The Director, Sayed Abdullah Shah Institute of Medical Sciences, Sehwan, hereby invites sealed bids from well-reputed manufacturers, authorized agents, importers, and suppliers sub distributors duly registered with Income Tax, General Sales Tax (GST), and Sindh Revenue Board (SRB). The procurement shall be conducted in accordance with Rule 46 (Single Stage - Two Envelope Procedure) of the Sindh Public Procurement Rules (SPPRA) Rules, 2010 (as amended up to 2025), for the Financial Year 2025-2026, 2026-2027. Bids are invited for the procurement of goods/services under the following categories:

Sr #	ADP #	Description	Date of Purchase /Issue	Date of Submission Of Bid	Opening date & time of tender	Tender fee (Nonrefundable)	Tender opening Address
1	942	Plant and Machinery/ Equipment's/ Furniture Fixture/Transport Ambulance for Emergency Cum Rapid Response Center SASIMS Sehwan.	From the Date of publication	02-06-2026 up to 12- pm	02-06-2026 up to 12.30 pm	Rs. 3,000/-	Committee Hall SASIMS Sehwan

**Note:**

- The tender documents shall be mandatorily downloaded from the official website of PPRA Sindh (EPADS), and no manual issuance of bidding documents shall be entertained.
- The bid price shall be deemed to be inclusive of all applicable Government taxes, levies, duties, and any other statutory obligations imposed by the Federal and Provincial Governments, and no separate claim in this regard shall be admissible.
- A non-refundable tender fee amounting to Rs. 3,000/- (Rupees Three Thousand only) shall be submitted in the form of a Pay Order drawn in favor of the Director, Sayed Abdullah Shah Institute of Medical Sciences Sehwan, bearing FTN No. 9030986-8.
- The Bid Security shall be furnished at the rate of 2% (two percent) of the quoted items, as specified in the approved Procurement Plan, in the shape of a Pay Order or Demand Draft in favor of the Director, Sayed Abdullah Shah Institute of Medical Sciences Sehwan, bearing FTN No. 9030986-8.
- The successful bidder shall be obligated to submit Performance Security equivalent to 5% (five percent) of the total contract value of the awarded items, in the form of Call Deposit Receipt (CDR) duly pledged in favor of the Director, Sayed Abdullah Shah Institute of Medical Sciences Sehwan.
- The original Bid Security, duly sealed, shall be submitted to the Procurement Wing prior to the submission deadline of bids. Non-submission of the same shall render the bid liable to outright rejection and disqualification.
- All rates should be quoted under DDP basis.
- The bidder shall obtain an official Tender Receipt from the Procurement Branch upon submission of the prescribed tender fee through Pay Order. The said receipt must invariably be attached with the

- In the event of any ambiguity, discrepancy, or inconsistency between the contents of the Tender Notice and the detailed Tender Documents, the provisions contained in the Tender Documents shall prevail and be deemed binding.
- In case the bid opening date is declared a public holiday or any unforeseen or unavoidable circumstances arise, the bids shall be opened on the next working day at the same time and venue, without any further notice.
- The Director, Sayed Abdullah Shah Institute of Medical Sciences Shewan reserves the absolute and unfettered right to increase or decrease the quantity of any item(s) specified in the schedule, at any stage, in accordance with SPPRA Rules, 2010 (as amended up to 2025), without assigning any reason thereof.



**DIRECTOR SAYED ABDULLAH  
SHAH INSTITUTE OF MEDICAL  
SCIENCE SHEWAN**



GOVERNMENT OF SINDH  
HEALTH DEPARTMENT

**NOTIFICATION**

No.SO(PM&I)/2025-26/F.40(SASIMS): A Procurement Committee under Rules-7 of Sindh Public Procurement Rules 2010 (Amended up-to-date) is hereby constituted comprising the following for procurement for Emergency-Cum-Rapid Response Centre & State of Art Ware House for Sayed Abdullah Shah Institute of Medical Sciences Sehwan during the financial year 2026-27.

1	Deputy Director, SASIMS Sehwan.	Chairman
2	Representative of Secretary, Health Department, Govt. of Sindh.	Member
3	Representative of Deputy Commissioner Jamshoro.	Member
4	Biomedical Engineer, SASIMS Sehwan.	Member
5	Procurement Officer, SASIMS Sehwan.	Member

**TORs:**

- The TORs / Functions / Responsibilities of the Procurement committee in accordance with Rule-8 of SPP Rules 2010 shall be as under:
- Preparing and/or Reviewing bidding documents;
  - Carrying out technical as well as financial evaluation of the bids;
  - Preparing evaluation report as provided in Rule-45;
  - Making recommendations for the award of contract to the competent authority; and
  - Perform any other function ancillary and incidental to the above.

SECRETARY HEALTH  
GOVERNMENT OF SINDH

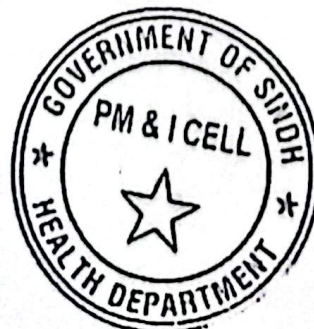
No.SO(PM&I)/2025-26/F.40(SASIMS):

Karachi, dated: 13<sup>th</sup> April 2026

**C.C to:**

- The Managing Director, Sindh Public Procurement Regulatory Authority, Karachi.
- The Deputy Commissioner concerned.
- The District Accounts Officer concerned.
- The Director, Sayed Abdullah Shah Institute of Medical Sciences Sehwan.
- The Chairman & all members of the Committee.
- PS to Minister, Health & Population Welfare Department, Govt. of Sindh, Karachi.
- PS to Secretary Health, Govt. of Sindh, Karachi.

(ZULFIQAR ALI DARS)  
DEPUTY SECRETARY (PM&I)





**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
**SEHWAN SHARIF**  
**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

STANDARD BIDDING DOCUMENT  
PROCUREMENT OF INSTRUMENTS/EQUIPMENTS/MACHINERY & FURNITURE/FIXTURE  
EMERGENCY CUM RAPID RESPONSE CENTRE  
FOR FOLLOWING ADP SCHEME

S#	ADP No#	NAME OF SCHEME
1	942	PROCUREMENT OF EMERGENCY CUM RAPID RESPONSE CENTRE AT SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE SEHWAN SHARIF

FINANCIAL YEAR 2025-26 & 2026-2027  
DUE ON 02-06-2026 at 12: 00 PM  
@SayedAbullah Shah Institute Sehwan Sharif

(Single Stage – Two Envelope Procedure by QCB Method)

**PREPARED/REVIEWED BY FOLLOWING MEMBERS OF TECHNICAL COMMITTEE**

- A. Dr. M. Moinuddin Siddiqui (Director SASIMS) Chairman of Procurement Committee \_\_\_\_\_
- B. MR. Babur Ali (Assitant Commissioner Sehwan) Member \_\_\_\_\_
- C. MR. Altaf Hussain Rajpar (Deputy Director Health Department wing) Member \_\_\_\_\_
- D. MR. Mansoor Ali Soomro (Procurement Officer) Member \_\_\_\_\_
- E. MR. Basit Ali Siyal / Danish Memon (Bio Medical Engineer) Member \_\_\_\_\_



**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
**SEHWAN SHARIF**  
**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

SECTIONS OF THE TENDER

TENDER TITLE
SECTION A PLANT & MACHINERY/EQUIPMENT/INSTALLATIONS
SECTION B FURNITURE & FIXTURE

**PREPARED/REVIEWED BY FOLLOWING MEMBERS OF TECHNICAL COMMITTEE**

- A. Dr. M. Moinuddin Siddiqui (Director SASIMS) Chairman of Procurement Committee [Signature]
- B. MR. Babur Ali (Assitant Commissioner Sehwan) Member [Signature]
- C. MR. Altaf Hussain Rajpar (Deputy Director Health Department wing) Member [Signature]
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**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
**SEHWAN SHARIF**  
**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

**SALIENT FEATURES OF THE TENDER**

Name of Work & Address	PURCHASE OF Emergency cum Rapid Response centre ADP 942 Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif
Time & Date of issue of Tenders	From the date of publishing to submission of NIT of Technical Proposal, during office hours. It should be (As mentioned in Notice inviting tender).
Method of opening of Tender	Single Stage – Two Envelopes; as per SPPRA-Rules 2010 (Amended up-to-date) on online EPAD system No manual Bid will be accepted
Date & Time of Submission of Tenders	As published in newspapers It should be (As mentioned in Notice inviting tender).
Date & Time of Opening of Tenders/Technical Proposals	As published in newspapers/ on EPAD system It should be (As mentioned in Notice inviting tender).
Date of Opening of Financial Proposals	As informed by the Chairman of Procurement Committee to all participants
Venue of submission & opening of Tenders	Committee Hall Sayed Abdullah Shah Institute Sehwan Sharif
Validity of Tenders	90 days as per Sindh Public Procurement Rules, 2010 (Amended till date).
Amount of Earnest Money/Bid Security	Photocopy (without showing Amount) 2% of the contract value total quoted item amount in shape of Pay Order / Call Deposit/ from scheduled Bank in favor of Director Sayed Abdullah Shah Institute Sehwan Sharif. to be submitted along with Technical Proposal. Original CDR copy must be submitted before opening of bids.
Supply of Equipment	Within up to 16 weeks after the Purchase order in case of DDP. However, this period is extendable as per mutual agreement/demand of the situation.
Installation Period	It will start after receiving of equipment at site. It will start after satisfactory installation of equipment at site.

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**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
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Variation in Contract Price	Be allowed on any ground including currency fluctuation/variation or whatsoever No variation in price shall.
Maintenance Period	It will start after the satisfactory installation of the equipment and issuance of Installation Certificate from the concerned official. This period will remain functional till three years with replacement of parts.
Warranty Period with replacement of Parts and services  a. Contract Agreement  b. Stamp Paper requirement for Agreement	As mentioned in technical specification of the equipment, otherwise the warranty period of parts with Free of cost replacement will be Along with three years free service & maintenance from the date of Installation. The Contractor shall enter & execute a formal Agreement as per the "Form" annexed with such modification as may be necessary.
Discrepancy	If there is any discrepancy between Salient Features of Tender / Bidding Documents and respective contents mentioned elsewhere, Salient Features / Terms & Conditions and Additional Terms & Conditions of Tender will govern.
Release of Earnest Money / Bid Security	Toun-successful bidders, after financial bid is opened or technical bid is rejected. Earnest Money will be released to successful Bidder after purchase order is released but after 5% performance Security submission.
Security Deposit	5% Security Deposit in the shape Pay Order/ will be submitted by Contractor with Procuring Agency which will be released as per item 20. Bank Guarantee of equal amount will also be acceptable.
Variation in Contract Price	No variation in price shall be allowed on any ground including currency fluctuation/variation or whatsoever.
Taxes	All taxes will be deducted as per prevalent laws of Country.

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# SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE

## SEHWAN SHARIF

### HEALTH DEPARTMENT, GOVERNMENT OF SINDH

Approved makes	As mentioned in item specifications.
Special Note Regarding Equipment	Technical offers / Commercial offers failing to demonstrate below details would be rejected: Quoted system must be of advanced & latest version. Tender must cover complete equipment. Tender must cover complete range of disposables / kits accessories. Tender must provide all technical details upto the satisfaction of the end user. Items should be quality approved from the concerned international body of the respective industry.
Inspection of Imported equipment manufacturing site by the client.	After the award of Purchase Order, Suppliers shall take two persons to the manufacturing site and bear all expenses of visit in case the cost any equipment of Supply Order is 50 million or above
Training	Supplier will provide on-site successful training to all the personnel working on/operating the said Equipment/Machine as long as the need prevail.
Maintenance.	Maintenance cost for all items for three years from the date of successful Installation shall be undertaken by the Contractor (Maintenance includes all Parts & Labor, etc. with sufficient staff, during maintenance period).
Default in Preventive Maintenance, Breakdown and Emergency Calls.	<ul style="list-style-type: none"> <li>In case of default by the Contractor with respect to maintenance, breakdown and emergency calls, the same will be carried out within 24 hours by the Procuring Agency and the cost so incurred will be paid from the Retention Money.</li> <li>Moreover an additional 10% of the amount spent would be charged from the concerned contractor being defaulter.</li> </ul>
Cost to be quoted in BOQ.	The Contractors shall quote price in DDP only, of the Equipment's including custom clearance etc. and delivering of Equipment at site with Installation & Commissioning cost. It should also include cost during maintenance period including the parts and maintenance staff
Criteria for bid evaluation	Merit Point Evaluation (Most Advantageous Bid) The items ranked highest in merit points (obtained through and based on technical a

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**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
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**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

	ndfinancialevaluation)shallbe consideredasmostadvantageousbid.
Award of Contract	The Procuring agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the Most Advantageous Bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

**TERMS&CONDITIONSOFTENDER**

1. The Contractors responsible for Supply, Installation, Testing and Commissioning of Medical Equipment, Machinery items, Instruments & Furniture & Fixture while Installing Equipment at no extra-cost. So, the Contractors should take into account all such expenditures while quoting the bid.
2. In Technical Bid, the bidder must provide original data sheet, technical brochure, and all other relevant documents, along with copy of Pay Order / Bank Draft / without showing the amount figure otherwise, the bid will be ignored/rejected. The technical evaluation will be done on the basis of criteria given in tender document.
3. The vendor has to fill up compliance sheet with YES/NO or put value as desired in the column against provided specification. These specifications must be highlighted in the brochure attached; else the offer will be rejected.
4. In Financial Bid, the vendor should mention financial offer of Pay Order / Bank Draft / 2% bid security on each

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**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
**SEHWAN SHARIF**  
**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

quoted item amount in favor of, Director Sayed Abdullah Shah Institute Sehwan Sharif, Bid Security (in Original) must be submitted in sealed envelope to the procuring Agency before opening of tender.

5. The Supply order shall be placed on DDP basis the bidder should supply the items within time as specified in Tender Document i. e. 16 weeks. This period is extendable as per mutual agreement/demand of situation.
6. Minimum 30 or more installation of quoted items ~~by manufacturer.~~
7. The disclosure of firm's price at the time of opening of Technical bid will result in the rejection of the bid.
8. No tender will be entertained without earnest money. The earnest money will be forfeited to Government Treasury, in case of non-submission of security money within seven (7) days of receipt of the offer letter.
9. Only Manufacturer, its Sole Agent or Authorized Distributors/Sub Distributor can quote Device, Equipment/Machinery.
10. For Single Stage Two Envelope Sections of the tender, first scrutiny of Technical Bids will be performed by the Procurement Committee. Financial Bids of only those firms will be opened who are qualified technically.
11. Certificate from the Sole Agent/Manufacturer has fully equipped Workshop Trained Personnel/Engineers and Equipment should be provided in the technical bid, and it can be physically verified by the administration of Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif. The warranty period will commence from the date of installation of the Equipment at Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif. Firm must provide complete details of their financial standing, listing of similar items supplied in Pakistan, available local stock of items and details of office with number of personals.
12. The vendor has to quote only one rate for each item as per tender specifications. Hand written tenders or any overwriting, cutting, should be signed.
13. Vendor should quote the items they intend to supply.
14. The bidder shall submit with the bid, an Undertaking on Non-Judicial stamp paper of Rs. 50/- duly attested by Oath Commissioner, stating that the medical equipment will be supplied brand new, free from defects as per the approved specification, also provide three years warranty for service and maintenance and will bind himself for availability of spares for a period of 10 years from the date of supply. In case of winding up of his business, the supplier will be bound to make an alternate arrangement of spares and maintenance of medical equipment. In case of default, depreciated cost

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**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
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**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

of medical equipment will be recoverable from vendor.

15. If it has been found that the information submitted by the bidder regarding his qualification and professional, technical, financial, legal or managerial competence as supplier / contractor is / was false and materially inaccurate or incomplete at any stage, then the bidder will be disqualified.
16. Suppliers / Contractors will be responsible for supply at consignee end, free of cost and also responsible for free installation work, if required.
17. Equipment will be handed over to the Store Keeper will be handed over to Store Keeper Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif (Price escalation will not be allowed.)
18. If vendor doesn't supply medical equipment in accordance with the supply order or fails to supply according to terms and conditions or in case of any other default, the Performance Security and Security Deposit would be forfeited and further action as per SPPRA rule would be taken against such vendor.
19. If the supplier fails to give supply and install within the stipulated period, Liquidated charges will be imposed.
20. The decision once taken will be final and will not be challenged in any Court of Law.
21. A copy of Income Tax and GST Registration Certificate should be attached along with Technical Bid.
22. The bidding firm must be registered with PNRA department for minimum past three years (for Radiology items).
23. The bidder shall furnish copy of ATL (Active Tax Payer List certificate).
24. The bidder shall furnish three years Income Tax Return Certificate.
25. Conditional Tender(s) against the Government rules and non-compliance of instructions mentioned in Tender Form & Handwritten tender(s) will not be entertained.
26. The vendor should submit a Data Sheet according to the Tender Specifications Form as mentioned in the tender and highlight the tender specifications in their Technical Data Sheet. Additional Features can be mentioned separately.
27. In case the information provided by bidder in Data Sheet as per Clause No. 30 is incomplete or incorrect, the quoted item will be liable for rejection.

**PREPARED/REVIEWED BY FOLLOWING MEMBERS OF TECHNICAL COMMITTEE**



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28. Supplier must have to provide Manual book with circuit diagram where applicable.
29. Supplier must have to arrange training on site for concerned technical staff for the supply of Equipment
30. Procurement Committee, Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif
31. the right to reject or accept any/all tender(s) as per SPPR-2010 (Amended 2019).
32. The system will have the minimum uptime  
95% in case of downtime beyond this period the following penalty will be applied:
- 95% to 100% No penalty.
  - 90% to 95% the warranty period will be extended by the number of days system is down.
  - 85% to 90% warranty period will be extended 1.5 times the downtime period
  - 80% to 85% warranty period will be extended two times for the downtime period and supplier is supposed to give justification on delay.
  - Uptime less than 80% hospital will complain to the Principal to take action against the supplier and warrant will be three times for the downtime period.
  - However, PPM (Periodic Preventive Maintenance) will not be considered in the downtime and PPM of the system will be done as per manufacturer recommendation.
33. Payment of DDP basis, the vendor shall submit Bill/Invoice for the purchase or der value after delivery, installation and issuance of satisfactory report by the end user.
34. Bids shall remain valid for 90 days after the date of bid opening and same may be extended in terms of Rule 38(2)(3)(4) of SPPR Rules.
35. Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax and 0.35% Stamp Duty which will be deducted at source in office of the Accountant General Sindh Karachi.

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- 36. The bid security will be forfeited to the Government, if the bidder withdraws his bid after opening and before the expiry of the bid validity period or fails to sign the contract in stipulated time if the bid is accepted.
- 37. The Procuring Agency may reject all or any bid at any time prior to the acceptance of a bid or proposals, subject to the relevant provision of SPP Rules, 2010 (Amended 2019 up-to-date). Payment will be made within four weeks after receipt of bill / invoice duly filled in all respects.
- 38. Prices quoted shall remain invalid upto 90 Days.

I/We agree to above mentioned terms & conditions:  
Name of Contractor Signature (CNIC NO (Copy must be attached). )  
Full Address

\_\_\_\_\_

Rubber Stamp

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**GENERAL SECTIONS FOR ALL**

**DOCUMENT CHECKLIST (KNOCKOUT CLAUSES)**

Please review the following list of all documents to be enclosed with the Technical Proposal. These are the "MANDATORY DOCUMENTS" non-submission of any one of the mandatory documents will lead to disqualification and no further assessment of tender will not be done hence "TECHNICALLY REJECTED"


S. NO	DOCUMENT DESCRIPTION	YES/NO	PAGE#
1	Tender Purchase Receipt (Original) (Mandatory)		
2	Bid Security (Copy with value hidden in Technical Proposal; Original should be submitted before the opening of the bid)		
3	Bidding Documents (Duly filled, Signed & Stamped by Bidder)		
4	Technical Proposal on Bidder's Letterhead		
5	Compliance sheet on letterhead (Mandatory)		
6	Undertaking (as per sample form)		
7	Certificate (as per sample form)		
8	Income Tax & GST Registration Certificate		
9	SECP Incorporation Certificate (where applicable)		
10	PNRA Registration Certificate (where applicable)		
11	PEC Registration of Firm & Qualified Engineer's Certificate (where applicable) (Mandatory for Service works)		
12	DRAP Establishment licenses showing		

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	Importer/Manufacturer of medical devices. (Where Applicable)		
13	DRAP Product Establishment /Registration where applicable		
14	Company Profile		
15	Bank Account Maintenance Certificate		
16	Income Tax Returns (last 3 years)		
17	Workshop for After Sales Services (Mandatory)		
18	Technical Team Details (Workshop details & Technical Staff Biodata with Training Certificates)		
19	Manufacturer's Authorization for distributor / Sub distributor		
20	Catalogue/Brochures (original)		
21	Product Technical Data Sheet		
22	ISO 9001 of bidder (where applicable) (website link must be provided for verification)		
23	ISO 13485 of Manufacturer (where applicable) (website link must be provided for verification) (where Applicable)		
24	CE/FDA 510(K)/JIS/MHLW (where applicable) (website link must be provided for verification)		

**Note:**

- Mandatory documents are mentioned.
- All pages of the bid, except for un-amended printed literature, shall be initialed by the Bidder.

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**BIDDER'S DETAILS FOR NOTICE PURPOSES**

Bidder Name:	
Address:	
Tel No.	
Fax No.	
Contact Person Name:	
Mobile No.	
Email Address:	

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**For All SECTIONS**

Note:

**EVALUATION CRITERIA**

Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount; else the offer would be rejected.

**EVALUATION/QUALIFICATION**

1. The procuring agency reserves the right to evaluate and compare the bid on itemized basis OR on basis of a group of similar nature goods OR goods compatible with each other.
2. The following merit points system for weighing evaluation factors/criteria will be applied for technical proposals.
3. Bidders achieving minimum 70% marks will be considered as qualified beside compliant to all mandatory clauses. Documentary evidence must be attached in support of each parameter.
4. Any Bid not meeting the mandatory requirements of evaluation criteria will be disqualified /rejected straight away and will not be considered for further evaluation.
5. Provide website link of product certification for online verification.

**A. PRODUCT EVALUATION**

S#	PARAMETERS/SUB-PARAMETERS	Total Marks
1	Conformity to the Purchaser's Specifications (Mandatory)	30
1.1	Fully compliant with the required specifications	30
1.2	Compliant with minor deviation (upto 5% subject to main function is not affected)	25
1.3	Compliant with minor deviation (upto 10% subject to main function is not affected)	20
1.4	Non-compliant to required specifications	Disqualify

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2	Trained Product Specialist	10
2.1	Two marks for each Foreign Technical Graduate Engineer with PEC Registration in Sindh for the quoted product (Factory/OEM level service training).	06
2.2	Two marks for each Foreign Trained Science Graduate in Sindh for the quoted product (Factory/OEM level application training).	04
3	Product Certification	10
	<ul style="list-style-type: none"><li>• USA Food &amp; Drug Administration (USA-FDA)</li><li>• European Community (CE) MDD</li><li>• Japan Industrial Standard (JIS) / Japan Quality Assurance Organization (JQAO) / Certificate issued by Ministry of Health, Labor and Welfare Govt. of Japan</li></ul>	
3.1	All Three of the above	10
3.2	Any two	7
3.3	Only One	3
	<b>TOTAL MARKS PRODUCT EVALUATION</b> (A)	50


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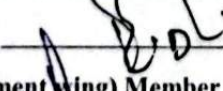
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**B. BIDDER EVALUATION**

S#	PARAMETERS/SUB-PARAMETERS	Total Marks
4.	Manufacturer's Authorization (Mandatory)	10
4.1	Bidder is OEM direct representative or the Sole Distributor for last 05 years or more. (Authorization certificate attested by embassy must be provided)	10
4.2	Bidder is OEM direct representative or the Sole Distributor for more than 03 years but less than 05 years. (Authorization certificate attested by embassy must be provided)	8
4.3	Bidder is OEM direct representative or the Sole Distributor for 02 years or less (Authorization certificate attested by embassy must be provided)	5
4.4	Bidder is OEM direct representative or the Sole Distributor for 01 year or less (Authorization certificate attested by embassy must be provided)	Disqualify
5.	Human Resource	06
5.1	Diploma of Associate Engineer (DAE) in electrical / electronic / biomedical / mechatronics / mechanical / industrial. DAE certificate must be submitted. (0.5 mark for each certificate)	2
5.2	Graduate Engineer with PEC Registration in biomedical, electronics, and mechatronics, mechanical, industrial. PEC registration card of the engineer must be submitted. (1 mark for each Engineer)	4
6.	Networking (Where applicable)	04
6.1	Networking setup across Pakistan (1 mark for each setup) (verifiable) (proof of registered office and workshop must be provided)	04
7.	Past Experience/Performance	10
7.1	Bidder's prior experience for supplying the same nature of product. Performance certificate of at least 05 public hospitals having minimum 5 years' Experience along with Installation Report and Supply order/Purchase Order of the firm in last 5 years, on letterhead, signed and stamped by the Head of institution of public sector. One mark for each after sales satisfactory performance certificate.	05

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7.2	Bidder's prior experience for supplying the same nature of product. Performance certificate of at least 05 reputable private hospitals having minimum 5 years' Experience along with Installation Report and Supply order/ Purchase Order of the firm in last 5 years, on letterhead, signed and stamped by the Head of institution of private sector. One mark for each satisfactory performance certificate.	05
8.	Turnover total during last three (03) financial years (Audited Statements of Accounts and Income Tax Return Forms must be attached as supporting documents)	10
8.5	Turnover last 3 years equal or above PKR 300 million	10
8.4	Turnover last 3 years equal or above PKR 250 million	08
8.3	Turnover last 3 years equal or above PKR 200 million	06
8.2	Turnover last 3 years equal or above PKR 150 million	04
8.1	Turnover last 3 years less than PKR 150 million	00
9.	Bonus points	10
9.1	Free of Cost Extended Warranty (in accordance with the standard warranty period) at least for two years including parts & services & labor. (Bidder offering greater extended warranty period will get the full marks)	10
9.2	Free of Cost Extended Warranty (in accordance with the standard warranty period) at least for one year including parts & services & labor.	05
	<b>TOTAL MARKS BIDDER EVALUATION (B)</b>	<b>50</b>
	<b>GRAND TOTAL (A+B)</b>	<b>100</b>

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***BIDDER EVALUATION CRITERIA***

Bid found to be responsive with maximum accumulative points (Technical + Financial) shall be accepted as the most advantageous bid as per SPPR, 2010 (Amended 2021).

Bids will be evaluated on the basis of following evaluation criteria.

**A. TECHNICAL EVALUATION**

- i) Technical evaluation has 70% weightage
- ii) Bids will be evaluated on a Bidder's capacity and capability to undertake supplies and on quoted item quality, performance and conformity to the required specifications.
- iii) Technical capacity of a bidder includes availability of workshop, tools, technical staff, number of installation and experience in the province of Sindh for prompt services to Karachi Division. Past performance of the bidder at Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif. will also be reviewed.
- iv) A bidder must achieve a minimum of 70 points out of total 100 points in technical evaluation, to be considered for financial evaluation.


**B. FINANCIAL EVALUATION**


- i) Financial evaluation has 30% weightage.
- ii) Only financial proposal of bidders with responsive technical proposal will be opened. Financial proposal of bidders who do not meet required mandatory documents and minimum 70 points out of total 100 points in technical evaluation will be returned unopened.
- iii) Bidder who has offered the lowest value for the item will get 30 points.
- iv) All remaining bidders after the lowest shall get points on their financial proposal, calculated as per the following formula.

Value of lowest bidder x 30

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Value of higher bidder  
[ 2 nd, 3 rd, 4 th, etc. ]

**C. FINAL BIDEVALUATION**

- i) Points obtained by bidders in technical and financial evaluations shall be prorated and finalized as follows.

Evaluation	Weightage
Technical	70%
Financial	30%
Total	100%

- ii) Bid of bidder who is found technically responsive with highest accumulated points will be considered as the most advantageous bid.

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**Schedule Of Requirement**

**Section A  
Plant & Machinery/Equipment**

S#	Name of item	QTY	Model	Brand	Country of Origin	Delivery
1.	Mobile X-Ray 100 MA	01				
2.	Operation Table (Electro-Hydraulic)	01				
3.	Anaesthesia Machine with Ventilator & Air Option	01				
4.	Diathermy Unit					
5.	Suction Machine Heavy Duty	08				
6.	Suction Machine	06				
7.	Suction Machine Low Pressure	04				
8.	Multi-Para Patient Monitor	52				
9.	Infusion Pump	12				
10.	Syringe Pump	12				
11.	ECG Machine Trolley Mounted	09				

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12.	Nebulizer	06				
13.	Defibrillator	06				
14.	Pulse Oximeter	05				
15.	Centrifuge	02				
16.	Bi-Pap+ C-Pap	14				
17.	Ventilator	02				
18.	OT Light (LED) Ceiling Type Double Dome	01				
19.	OT Table Manual	02				
20.	Surgical Light LED Single Dome (Mobile)	02				
21.	X-Ray Illuminator (Wall Mounted) Large	13				
22.	X-Ray Illuminator	12				
23.	Autoclave Gas/Electric (Dual System) Large	01				
24.	Digital Hot Air Oven	02				
25.	Electric Sterilizer Medium Size	02				
26.	Echocardiography	01				
27.	Height Weight Machine	20				
28.	B. P Apparatus	14				
29.	Torch	14				

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30.	Showering Center for Burns Patient	01				
31.	Stethoscope (Adult)	09				
32.	Stethoscope (Peads)	04				
33.	Microscope 12 Head	01				
34.	Hematology Analyzer	01				
35.	Gel Tube& CBC/EDTA Tube	20 Each				
36.	Blood Gas Analyzer	01				
37.	Electrolyte Analyzer	01				
38.	Weighing Machine	01				
39.	Glucose Meter One Touch	12				
40.	Chemistry Analyzer	01				
41.	Incubator	01				
42.	Shaker for Test Tube	01				
43.	Micropipette Adjustable	04				
44.	Blood Bank Refrigerator	01				
45.	Portable Ultrasound	01				
46.	Central Oxygen Gas Supply Lines System with Vacuum	01				
47.	Patient Lift	01				
48.	Electric Water Dispenser	09				

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49.	Air Conditioner (Split Type 1.5 Ton)	19				
50.	Air Conditioner (Split Type 1 Ton)	20				
51.	Refrigerator (Domestic) No Frost	01				
52.	Blood Donor Couch	01				
53.	Patient Lifter Trolley with weight Scale	02				
54.	Showering trolley with panel	02				
55.	Reclining high/ low bath and high/ low shower control	02				

Section B  
Furniture & Fixture


S#	Name of item	QTY	Model	Brand	Country of Origin	Delivery
1.	Wooden/ Glass Counter Reception	1				
2.	Counter Chair	03				
3.	Nursing Station	03				
4.	Notice Board	12				

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5.	Office Table Medium Size	20				
6.	Steel Almarah	12				
7.	File Cabinet	18				
8.	Revolving Chair	27				
9.	Conference Table	01				
10.	Office Chair	40				
11.	Examination Couch	27				
12.	Bed Side Locker	91				
13.	Over Bed Table	99				
14.	Foam Mattress with Rexene Cover					
15.	Pillow with Rexene Cover	100				
16.	Revolving Stool (SS)	47				
17.	Wheel Chair	21				
18.	Stretcher Trolley	23				
19.	Steel Chair (03 Seater)	30				
20.	Resuscitation Trolley with all Accessories	01				
21.	Dressing Table	01				
22.	Dressing Drums	20				
23.	Foot Step SS	03				
24.	Mayo Stand SS	02				
25.	Instrument Trolley	04				

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Name Of Item		Q
1	Mobile X-Ray 100 MA Technical Specifications:	0
<b>S. No.</b>	<b>System</b>	<b>Description</b>
	<b>Mobile Unit</b>	
1	kW rating	4.0kW
2	kVp Range in 1 kVp steps accuracy	40 to 125 +/-5%
3	High Frequency Ripple	100 KHz - 300 kHz
4	mA Stations	5, 6.4, 8, 10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100
5.1	Exposure Time Range	upto 10 seconds
5.2	Number of Stations	41 or more.
6.1	mAs Range	upto 250 mAs
6.2	Number of Stations	34 or more
7	<b>XRAY Tube</b>	Stationary Anode Two focal Spots
7.1	Focal spots	0.5mm - 1.8mm
7.2	Anode Heat Storage capacity	upto 60 kHU
7.3	Target angle	12° to 16°
8	Laser light collimator	optional
9	Power cord	6 meter or more
10	Exposure cord	3 meter or more
11	Line Power Requirements	4kW - 110 VAC to 240 VAC
12	Weight	50kg to 80kg

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13	Dimensions (Closed) WxHxL mm	700x1500x2000 mm or less
14	Dimensions (open) WxHxL mm	700x2400x1800 mm or less
	<b>Detector</b>	
15	Detector Size	14 x 17 in. or more
16	Detector weight	37 kg or less ( including Battery)
17	Pixel Pitch	140 µm or less
18	Sensor Type	Amorphous Silicon
19	Communication with machine	Wired: Gigabit Ethernet and wireless
20	Trigger	Lossless AED
21	Power	Battery (hot swappable) and/or tethered AC 100-240 VAC/50-60 Hz
22	Energy Range	upto 150 KeV
23	A/D Conversion	16 bits or more
24	Dose Range	Saturation Dose 140 µGy      Maximum Linear Dose 120 µGy

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or Equivalent

2	<b>Operation Table (Electro-Hydraulic)</b> <b>Technical Specifications:</b> Electro Hydraulic Stainless steel Operating table 5 Section Standard "T" base with high quality castor wheels. Foot operated brake. Easy to clean structure to minimize infection risk. High quality removable PU foam for maximum hygiene. Full-length C-Arm radio translucent. X-ray cassette tunnel with possibility of inserting the cassette from both sides.  <ul style="list-style-type: none"><li>• Electro Hydraulic 5 Section OT Table</li><li>• Total length of the table: 1890 mm or better</li></ul>	0
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- Tabletop Width: 480 mm or better
- Height adjustment: 760 mm – 1030 mm or better
- Lateral tilts adjustment:  $\pm 25^\circ$  or better
- Trendelenburg adjustment:  $\pm 30^\circ$  or better
- Backrest adjustment:  $-20^\circ$  ;  $+75^\circ$  or better
- Kidney bridge adjustment:  $20^\circ$  or better
- Longitudinal slide: 300 mm or better
- Headrest adjustment:  $-20^\circ$  ;  $+40^\circ$  or better
- Footrest adjustment:  $\pm 25^\circ$  or better
- Load Capacity: 340 kg or better
- Corded hand controller with visual battery level indication
- Built-in battery back-up and charger
- Class of protection against electric paralysis: I

Electro-Hydraulic should offer following controls

- Height
- Lateral tilts
- Trendelenburg
- Backrest adjustment
- Kidney Bridge
- Longitudinal slide

Mechanical should offer following controls

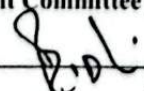
- Headrest
- Footrest

**ACCESSORIES**

- Arm Support (2 Pcs)
- Hand Strap (1 Pcs)
- Anesthesia Frame (1 Pcs)
- Lithotomy pole (2 Pcs)
- Infusion Holder (1 Pcs)

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	<ul style="list-style-type: none"> <li>• Side shoulder support (1 Pcs)</li> <li>• Abdominal strap (1 Pcs)</li> </ul> <p>Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or Equivalent</p>	
3	<p><b>Anaesthesia Machine with Ventilator &amp; Air Option</b></p> <p><b>Technical Specifications:</b></p> <ul style="list-style-type: none"> <li>• Should have six conventional flow tubes to provide accurate control, particularly at low flow rates.</li> <li>• The system has pipeline gas supply inputs for O<sub>2</sub>, N<sub>2</sub>O and Air; and backup cylinder supply inputs for O<sub>2</sub> and N<sub>2</sub>O.</li> <li>• It should stay on the theater (for mobile use).</li> <li>• Provision of communication port for sharing and transfer of data.</li> <li>• The unit should have standard built-in features to support patient safety.</li> <li>• Breathing system with breathing bag holder.</li> <li>• Switchable front facing common gas outlet for open and closed circuit operation</li> <li>• Non interchangeable pipeline inlets.</li> <li>• Pin index cylinder yokes for Oxygen, Air and N<sub>2</sub>O.</li> <li>• O<sub>2</sub> flush control.</li> <li>• Two Lockable casters.</li> <li>• Stainless steel/ fiber work surface</li> <li>• Drawers unit 4 inch or more high.</li> <li>• Aux O<sub>2</sub> flow meter,</li> <li>• 3 Power outlets in the back to connect auxiliary equipment's.</li> <li>• Should have CO<sub>2</sub> absorber with integrated heater 1500 gm or more.</li> <li>• APL valve Range 0-70 cmh 20</li> <li>• LED illuminated work spaces</li> </ul>	0

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- Scavenging system passive type.
- Et Co2 and SpO2 monitoring option should be present

**ANESTHESIA VENTILATORS**

Anesthesia Ventilator with minimum 8" or more TFT colortouch screen.

Ventilator shall be capable of ventilating Neonates/Pediatric/Adult patients.

Ventilator modes should have

Volume Control Ventilation (VCV)

Pressure Control Ventilation (PCV)

Synchronized Intermittent Mandatory Ventilation - Volume (SIMV-V)

Synchronized Intermittent Mandatory Ventilation - Pressure (SIMV-P)

SPONT/Pressure Support Ventilation (PSV) with apnea backup (VCV or PCV)

Manual

PEEP available in all modes, except Manual

Respiratory Rate I: E 4: 1 to 1: 10

Tidal volume 10 to 1600 ml.

PEEP: OFF, 2 to 20 cm H<sub>2</sub>O or more better.

Rate of frequency 4 to 70 bpm.

Inspiratory pause 0 to 60%.

Pressure control 5 to 70 cm H<sub>2</sub>O or more better

Should have Two user-selectable waveform displays and loops P-V Loop, V-F Loop

Should have alarm trend data

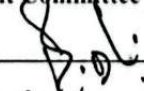
Low Battery Alarm

Low/High Fio<sub>2</sub> alarm.

Mains failure alarm.

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Time, date, mains and battery indicators.

Anti-Hypoxic Fresh Gas Mixture: Mechanical Type

Battery backup minimum 90 minutes or more.

The ventilator shall be supplied by with complete drive hose and power cable

Vaporizer of Isoflurane and Sevoflurane temperature and flow compensated from the same manufacturer.

**STANDARD ACCESSORIES**

The ventilator shall be supplied with

- CO 2 Absorber
- Air Oxygen and Nitrous hoses
- Vaporizer\*2
- Adult/Peadss Circuit
- Power Cord

Supplied with: Service & Operating Manual, All Standard Accessories.

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)

Country of Origin: UK, USA, Europe, Japan or equivalent

4 Diathermy Unit

0

Technical Specifications:

Safety should be digitally designed inside.

Safety for the surgeon, OR staff, and patient. At the sign of any problem, the unit instantly disables the output, sounds an alarm and displays the appropriate error code.

Cutting modes: CUT I mode, CUT II mode, Blended Cutting Mode.

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Coagulation modes: Pinpoint mode, Spray coagulation mode, gentle mode.  
Bipolar modes: standard mode, macro mode, micro mode.  
Blending levels: 4 blending levels.  
Tailored modes for surgical precision.  
Auto bipolar intuitive technology.  
Surgical memory technology.  
Tissue sensing technology.  
Passive cooling system.

**Technical Specifications:**

Input voltage 240 V AC at 50 Hz

The ambient temperature range should be from 10 ° C to not less than 40 ° C

Output Type: RF ISOLATED

Output Power:

The output power ranges should not be less than given below

Cut I & II: 300 W

Blend I, II, III & IV: 200 W

Pinpoint: 120 W

Spray: 120 W

Gentle: 120 W

Micro Bipolar: 80 W

Macro Bipolar: 80 W

Standard bipolar: 50 W

Auto bipolar: 80 W

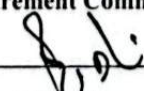
Output Frequency: 490 k Hz  $\pm$  4. 9

Supplied with: Mono-polar Lead Control with Hand, Bipolar forceps with cable, Single foot switch, Earth Plate, Power Cord, Operating & Service Manual.

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)

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Country of Origin: UK, USA, Europe, Japan or equivalent.	
5	Suction Machine Heavy Duty Technical Specifications:
	0
Category	Specification
Pump Type	Oil-free, maintenance-free vacuum pump
Classification	High Vacuum / High Flow
Maximum Vacuum	~90 kPa / 680 mmHg
Flow Rate	70 L/min
Duty Cycle	Non-stop operation
Noise Level	45 dBA
Power Supply	220-240V, 50-60 Hz
Body Material	ABS Plastic
Collection System	2 × 4L + 2 × 1L reusable polycarbonate jars (Total 10L capacity)
Suction Control	Electric foot pedal (on/off)
Filtration System	2 hydrophobic filters + 2 trap bottles
Suction Hoses	2 × 2 m silicone suction hoses
Tubing Set	6 suction tubing pieces
Supplied with:	
1. Imported Trolley	

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2. Antibacterial Filters
3. Jar set
4. Clamp holder
5. Operating manual
6. Service Manual
7. Power cord

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent.

6 Suction Machine


0

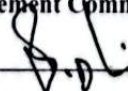
Technical Specifications:

Category	Specification
Max Vacuum	~90 kPa / 680 mmHg
Flow Rate	40 L/min
Noise Level	45 dBA
Duty Cycle	Non-stop operation
Classification	High Vacuum / High Flow
Pump System	Oil-free, maintenance-free
Power Supply	220-240 V, 50-60 Hz
Body Material	ABS Plastic

Standard Accessories: 2 × 2 L reusable polycarbonate collection jars, 1 × 2 m silicone suction hose, 1 × disposable suction tip, 2 × hydrophobic filters, 1 × energy cable, 1 × safety jar, 1 × electric on/off foot pedal.

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	Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.																			
7	<p>Suction Machine Low Pressure</p> <p>Technical Specifications:</p> <table border="1"><thead><tr><th>Category</th><th>Specification</th></tr></thead><tbody><tr><td>Max Vacuum</td><td>~20 kPa / 150 mmHg</td></tr><tr><td>Flow Rate</td><td>6 L/min</td></tr><tr><td>Noise Level</td><td>45 dBA</td></tr><tr><td>Classification</td><td>Low Vacuum / Low Flow</td></tr><tr><td>Duty Cycle</td><td>Non-stop operation</td></tr><tr><td>Pump Type</td><td>Oil-free, maintenance-free vacuum pump</td></tr><tr><td>Display</td><td>Digital</td></tr><tr><td>Material</td><td>ABS Plastic Body</td></tr></tbody></table> <p>Standard Accessories   1 × 1 L reusable polycarbonate collection jar, 1 × 2 m silicone suction tubing, 1 × silicone suction hose, 2 × hydrophobic filters, 2 × fuses, 1 × energy cable, 1 × operating manual</p> <p>Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.</p>	Category	Specification	Max Vacuum	~20 kPa / 150 mmHg	Flow Rate	6 L/min	Noise Level	45 dBA	Classification	Low Vacuum / Low Flow	Duty Cycle	Non-stop operation	Pump Type	Oil-free, maintenance-free vacuum pump	Display	Digital	Material	ABS Plastic Body	0
Category	Specification																			
Max Vacuum	~20 kPa / 150 mmHg																			
Flow Rate	6 L/min																			
Noise Level	45 dBA																			
Classification	Low Vacuum / Low Flow																			
Duty Cycle	Non-stop operation																			
Pump Type	Oil-free, maintenance-free vacuum pump																			
Display	Digital																			
Material	ABS Plastic Body																			
8	<p>Multi-Para Patient Monitor</p> <p>Technical Specifications:</p> <ol style="list-style-type: none"><li>1. Monitor for Adult / Paeds / Neonates</li><li>2. Operating Features and Characteristics:</li><li>3. Intuitive touch large screen, easier to check the patient vital data from a distance</li><li>4. Display the patient's vital signs (such as ECG, NIBP, temperature, oxygen saturation and respiration) on the screen</li></ol>	5																		

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5. Display size should be 12-inch touch screen or more
6. Minimum number of waveform trace: 8 traces or more
7. Trend Data: with at-least 120 hours' or better
8. Alarm types: Upper/lower limit alarms, Arrhythmia alarms, Technical alarms, Inter-bed alarms.
9. Battery operation time should be more than 5 hours

Parameters:

ECG

1. Input: 3, 5 & 12-lead ECG cable
2. Should have capability of 18-lead ECG input for detecting right side and posterior infarction.
3. Should Upgraded arrhythmia detection to analyze multi-channel ECG. 20 or more arrhythmia items can be detected
4. Should have ability to display ST waveform of all ECG leads.
5. Should have ESU protection
6. Heart rate count should be upto 250 beats/min
7. Arrhythmia Analysis, ST Analysis and QTc/QRSD measurement

Pulse Oximetry:

1. Numeric: 0 – 100% oxygen saturation measuring range
2. Should have Pulse amplitude index
3. Should have SQI graph

Non-Invasive Blood Pressure (NIBP):

1. Method: Oscillometric Principle
2. Numeric: Systolic, Diastolic, and Mean Pressure
3. Should have ability to detect blood pressure during cuff inflation
4. Should have automatic measurement of the NIBP in the sudden rise and fall of blood pressure

Temperature:

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1. Numeric: Temperature selectable in °C / °F
2. Number of channels: Minimum 2
3. Measuring range should be upto 45°C

**Respiration:**

1. Should have respiration rate 0-120 beats/min or better
2. Respiration method should be impedance based.

**Other Parameters:**

1. The monitor includes the capability for non-invasive cardiac output; however, its activation should be optional.
2. Should have feature for the connectivity with the Central monitoring station
3. Should have feature for wireless data Transfer
4. Should have Thermal recorder option
5. Monitor should be able to calculate drug dose deliver to the patient.
6. Monitor should have assessment tool to evaluate the patient's condition by scoring method

**Communication:**

1. Capability to interface with HIS for data transfer

**Accessories:**

1. The system must be complete with all reusable (sensors, probes, cables, or any other accessories) required for measuring all the above selected parameters for Adults.

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Supplied with:

1. ECG 5 lead
2. Reusable NIBP cuff(Adult / Paeds / Neonates)
3. Reusable SPO 2 sensor
4. Temperature probe
5. Power Cord
6. Operating manual

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent.

9	Infusion Pump Technical Specifications: Should have 8 different infusion modes, rate mode, time mode, bodyweight mode, sequential mode, micro mode, drip mode, trapezium mode, and loading dose mode. 2. Infusion setting range should be from 0. 1-1500 ml/h (0. 03-500 d/ml IV set), 0. 1 ml/h increment 3. VTBI setting range should be 0. 1-9999 ml	1
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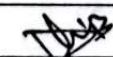
4. Infusion accuracy should be  $\pm 5\%$
  6. KVO rate should be ranges from 0. 1-30. 00 ml/h
  9. Color TFT touch screen with screen auto lock
  10. 13 level occlusions available
  11. Anti-Free-Flow design when opening the pump door
  12. Automatic door and Automatic free-flow clamp
  13. Calibration functions to enable different brand syringe which is compliant to industry standard.
  14. All types of alarm: Near End, Infusion End, Occlusion Alarm, Low Battery, Battery Empty, No Battery, No Power Supply, System trouble, Air Bubble and Reminder Alarm.
  15. High sensitivity air bubble sensor with 7 levels choice
  16. Strong date storage: 2000 events can be stored
  17. Drug Library 2000 types
  18. Connectivity: LAN/Wi-Fi function can connect to Infusion CMS
  19. Battery support, up to 5 hours with 25 ml/h infusion rate.
- Supplied with: pole clamp, operating manual and power cord  
Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent.

0 Syringe Pump

Technical Specifications:

- Flow rate range should be 0. 1-1200 ml/h with accuracy of  $\pm 1\%$  on mechanism or better.
- Syringe capacities 5, 10, 20, 30/35, 50/60 CC or better.

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- Should have drug library of more than 3500 drugs in different categories, with facility to set all infusion parameters like soft limit, hard limit, bolus dose etc.
- Should have Dose rate modes: ng/h, ng/kg/min, ng/kg/h, µg/min, µg/h, µg/kg/min, µg/kg/h, mg/min, mg/h, mg/24 h, mg/kg/min, mg/kg/h, mg/kg/24 h, mg/m<sup>2</sup>/h, mg/m<sup>2</sup>/24 h, g/h, g/kg/min, g/kg/h, g/kg/24 h, mmol/h, mmol/kg/h, mmol/kg/24 h, m U/min, m U/kg/min, m U/kg/h, U/min, U/h, U/kg/min, U/kg/h, kcal/h, kcal/24 h, kcal/kg/h, m Eq/min, m Eq/h, m Eq/kg/min, m Eq/kg/h.
- Should have TCI infusion mode as a Mandatory option.
- The Dynamic Pressure System with maximum and minimum threshold setting is mandatory.
- Fast start option is mandatory with pause option programmable from 1 min-24 hrs.
- Should have both variable and 3 pre-set levels pressure mode. Variable mode should have more than 12 levels of occlusion pressure setting ranges from 50 - 750 mm Hg or better.
- Should have Stack ability Up to 3 devices self-stackable on a pole.
- Should have anti-bolus system which reduces significantly bolus after occlusion release.
- Should have night mode programmed manually or automatically in a variable time range.
- Should have direct bolus option along with programmable bolus with settable dose or volume/time.
- Graphical display of the following history "Volume / dose infused, pressure, flow rate" must be present.
- The device should have push guard for syringe protection.
- Should have Swing lock clamp for versatile clamp and horizontal clamp that allows the fixation on a rail or on a pole.
- Should have Li-Ion Smart Battery, remaining battery life and battery charge level available on the display. Battery Life (when fully charged): > 13 h at 5 ml/h or better.
- Optional: Docking Station.

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)

Country of Origin: UK, USA, Europe, Japan or equivalent.

1 ECG Machine Trolley Mounted Technical Specifications: • 6-channel electrocardiograph with analysis and interpretation	0
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• One-time record: 3/6/12 channels
• Simultaneous recording of 12 leads
• Signal analysis compliant with EN 60601-2-51
• Test interpretation based on patient age (days, months, years)
<b>User Interface</b>
• Alphanumeric keyboard
• Functional keyboard for direct control of basic functions
• Built-in 5.7" graphic color screen for simultaneous preview of 12 ECG leads
• Screen resolution: 320 × 240
<b>Recording &amp; Memory</b>
• Internal memory: more than 500 tests
• Recording width: 110–112 mm thermal paper
• Manual recording mode
• Automatic recording mode (one-time record)
• Backward ECG recording up to 10 seconds
• Long recording up to 10 minutes in internal memory for arrhythmia evaluation Power Supply
• Mains powered
• Maintenance-free power supply
• Built-in rechargeable battery backup up to 4 hours
<b>Recording Parameters</b>
• Record speeds: 5 / 10 / 25 / 50 mm/s
• Sensitivity settings: 2.5 / 5 / 10 / 20 mm/mV
<b>Filters</b>
• Network disturbance filtration: 50/60 Hz
• Muscle disturbance filtration: 25/35 Hz
• Automatic adjustment filter
• Isoelectric line filtration: 0.05 – 15 Hz
<b>Communication &amp; Data</b>
• Communication interface: 2 × USB
• Sampling frequency: 1000 Hz/channel
• A/C 24-bit converter
• Test preview from internal memory without printout
• Record and read tests from pendrive compliant with EN 1064 standard

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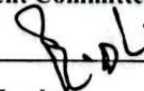



E. MR. Basit Ali Siyal / Danish Memon (Bio Medical Engineer) Member \_\_\_\_\_



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2	<p>Automatic device self-test</p> <p><b>Supplied with:</b></p> <p>1 set of adult suction electrodes (6 pcs), set of adult clamp electrodes (4 pcs), 1 set of cables, 0.5 L ECG gel, 1 roll of paper (112 mm × 25 m), Mobile Cart</p> <p>Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.</p>	0
2	<p><b>Nebulizer</b></p> <p><b>Technical Specifications:</b></p> <p><b>Ultrasound Nebulizer With Stand Comprising of:</b></p> <ul style="list-style-type: none"> <li>• Direct Inhalation of Nebulized Water or Medication</li> <li>• Mask Inhalation Therapy</li> <li>• Humidification Therapy using nebulizer in combination with Respirator, Anesthesia Machine or other Respiratory Control Apparatus</li> <li>• More than 96% of 0.3 micron or larger airborne dust particles are effectively shut out with the pneumoclean (air filter) to provide purified air for aerosol nebulization</li> <li>• The medication cup easily attachable/detachable and easy to clean. The diaphragm should replace for each patient to help prevent cross-infection</li> <li>• Made of highly heat-resistant polysulfone resin, the nebulizer can be disinfected by autoclaving (121°C, 30 minutes)</li> </ul> <p>Nebulizing Rate : 4 ml/min or better. Mist particle size : Approx. 1-5 microns or better. Nebulizing time setting : 0-30 mint. Nebulization periods longer than 30 minutes, the timer can be set for "Continuous" operation.</p> <p>Medication cup capacity: 150 ml. Supplied with: Mist feed Hose (Large &amp; Small), Inhalation Mask (02), Mouthpiece (02), Diaphragm (5) Pneumoclean Air Filter, Service and Operating Manual. Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)</p>	0

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	Country of Origin: UK, USA, Europe, Japan or equivalent.	
3	<p>Defibrillator</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"><li>• Biphasic transthoracic (external) defibrillator with LCD color display 6. 5"</li><li>• Synchronized output with ECG</li><li>• Energy selection and delivery for external defibrillation.</li><li>• Energy selection and delivery for internal defibrillation</li><li>• Charging Indicators</li><li>• The energy range can be adjustable for peds and adults up to 270 Joules</li><li>• Charging Time for full energy will be less than 5 sec</li><li>• Screen Size of 6. 5 inch</li><li>• Display of HR, ECG through paddles and Lead I, II &amp; III patient cable.</li><li>• Alarms for High and low Heart rate low battery warning.</li><li>• Built-in Rechargeable battery with charger for minimum 100 shocks at max. Energy.</li><li>• Auto tester/ self-check</li><li>• AED Facility</li><li>• 3-Ch Thermal Recorder</li><li>• AC line voltage: 100 to 240 V / AC line frequency: 50 or 60 Hz</li></ul> <p>Accessories:</p> <ul style="list-style-type: none"><li>• Power cord</li><li>• User manual</li><li>• ECG lead and electrodes cable</li><li>• External paddle set</li><li>• AED cable</li><li>• AED pads</li><li>• Built-in Recorder</li></ul>	0

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- Paper Roll

Supplied with: External Paddle, ECG Cable, Paper, Power Cable, Service and Operation Manual.  
Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent.

4 Pulse Oximeter 0

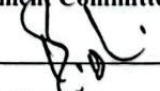
Patient Type: Adult, Pediatric & Neonatal  
Technical Specifications:

- Minimum 5-inch color LCD/TFT display with large numeric display
- Sp O<sub>2</sub>, pulse rate, plethysmographic waveform, perfusion index
- Respiratory rate (optional)
- Sp O<sub>2</sub> Measurement Range: 35% to 100% or better
- Sp O<sub>2</sub> Accuracy:  $\pm 2\%$  within 70% to 100% range
- Pulse Rate Change: 25 to 250 bpm or better
- Pulse Rate Accuracy:  $\pm 2$  bpm or  $\pm 2\%$ , whichever is greater
- Display of perfusion index
- Accurate measurement under low perfusion conditions
- Anti-motion interference technology
- Real-time plethysmography waveform / bar graph
- Trend review facility for monitored parameters
- Audible and visual alarms with adjustable upper and lower limits
- Suitable for adult, pediatric and neonatal patients
- AC mains operation with built-in rechargeable battery or DC charging facility
- Compact bedside design suitable for transport and bedside use

Supplied with: NIBP Cuff (All Size), Spo 2 Probe (All Size), Trolley, Power Cable, Service and Operation

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	<p>Manual. Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.</p>																							
5	<p>Centrifuge Technical Specifications: Perform both routine clinical and life science applications in one platform with the Dual Spin rotor. Should be able to accommodate 1. 4 m L to 15 m L tubes with two spacer options.</p> <table border="1" data-bbox="113 797 1337 1207"> <tr> <td>Maximum capacity</td> <td>8 x 15 mL (fixed angle) 8 x 10 mL (swinging bucket)</td> </tr> <tr> <td>Maximum speed</td> <td>300-4,900 rpm, adjustable in increments of 100 rpm</td> </tr> <tr> <td>Maximum RCF</td> <td>3,114 x g (fixed angle)3,490 x g (swinging bucket)</td> </tr> <tr> <td>Time setting</td> <td>1-99 minutes, in increments of 1 minute; HOLD</td> </tr> <tr> <td>Control system</td> <td>Microprocessor</td> </tr> <tr> <td>User interface</td> <td>Large, brightly-lit LED display</td> </tr> <tr> <td>Program memory</td> <td>4</td> </tr> <tr> <td>Acceleration profile</td> <td>1 (standard)</td> </tr> <tr> <td>Acceleration/deceleration rates*</td> <td>24/37seconds (fixed angle)24/31 seconds (swinging bucket)</td> </tr> <tr> <td>Noise level</td> <td>&lt;56 dBA (swinging bucket)</td> </tr> <tr> <td>Power consumption</td> <td>100-230 W, voltage</td> </tr> </table> <p>Supplied with: All Standard Accessories, Service &amp; Operating Manual. Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.</p>	Maximum capacity	8 x 15 mL (fixed angle) 8 x 10 mL (swinging bucket)	Maximum speed	300-4,900 rpm, adjustable in increments of 100 rpm	Maximum RCF	3,114 x g (fixed angle)3,490 x g (swinging bucket)	Time setting	1-99 minutes, in increments of 1 minute; HOLD	Control system	Microprocessor	User interface	Large, brightly-lit LED display	Program memory	4	Acceleration profile	1 (standard)	Acceleration/deceleration rates*	24/37seconds (fixed angle)24/31 seconds (swinging bucket)	Noise level	<56 dBA (swinging bucket)	Power consumption	100-230 W, voltage	0
Maximum capacity	8 x 15 mL (fixed angle) 8 x 10 mL (swinging bucket)																							
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Noise level	<56 dBA (swinging bucket)																							
Power consumption	100-230 W, voltage																							
6	<p>Bi-Pap+ C-Pap Technical Specifications:</p> <ul style="list-style-type: none"> <li>• Noise level should be extremely low</li> <li>• Meaningful comfort functions must be available</li> <li>• Easy handling</li> <li>• High class materials and noble design</li> </ul>	1																						

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- Advanced data management with SD card.

**Technical Data:**

- Modes: CPAP, BILEVEL S, BILEVEL T, BILEVEL ST
- IPAP should be 4 – 25 h Pa
- PEEP should be 4- 20 h Pa  
Inspiratory Time should be 0 – 0. 4 to 60 s
- Apnea time should be 0 to 60 sec
- I: E ratio should be 4. 00: 1 - 1: 4. 00
- Pressure range should be 4 to 25 h Pa (mbar)
- Power Consumption <65 W
- Average Noise Level < 26 d B

**The BILEVEL Mode:**

- The bi-level devices should offer two levels of pressure (I- pressure & E- pressure)
- Triggers should be separately adjustable for inspiration & expiration are particularly well – suited to shallow breathing & effectively avoids self – triggering.

**Standard Accessories:**

Therapy device, Mask, User manual, Power cord, Therapy, Carrying bag

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)

Country of Origin: UK, USA, Europe, Japan or equivalent.

7 Ventilator

0

**Technical Specifications:**

Ventilation: Microprocessor controlled powerful ventilation system mounted on trolley.

LCD/TFT color touch screen 12” or more.

Patient Range: Adult to Neonate.

Breathing Classification: Pressure control, Volume control Pressure control with set Volume Breath.

Modes of Ventilation: (S)CMV+/APVcmv, PCV+ (biphasic), SIMV+/APVsimv, SPONT, P- SIMV+, NIV, NIV-ST, Duo PAP , APRV, close loop ventilation mode, Automatic Mode should be available for veining.

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High flow oxygen therapy option should be present. ETCO 2 option should be present.  
Storage and display of not less than 1000 events with date and time.  
Dynamic Lungs: Should show real time visualization of the lungs with representations of tidal volume, lung compliance, resistance and patient activity.  
Should show Visual representation of the ventilator dependency.  
Control:  
Set & measured parameters simultaneously.  
Measurement range/ specification:  
Inspiratory tidal volume: 2 to 2000 ml.  
O 2 input flow: 80 l/min (at 2.8 bar/ 280 k Pa / 41 psi input pressure)  
Inspiratory pressure: 0 to 60 cm H 2 O  
Maximum inspiratory flow: 240 l/min (150 l/min with 100% O 2)  
Minimum expiratory time: 20% of cycle time; 0.2 to 0.8 s  
I : E ratio : 1: 9 to 4: 1  
PEEP: 0 to 25 cm H 2 O  
Fi O 2/ O 2 delivery: 21 to 100%  
Flow for Hi-Flow O 2 therapy (l/min): 2 to 80  
Parameters for set and measured value simultaneously:  
Total breath rate.  
Oxygen concentration FIO 2  
Expired minute volume  
Peak expiratory flow  
Peak Pressure  
Mean pressure  
Expiratory hold/ Inspiratory hold  
Pressure / Volume and flow trigger sensitivity  
Trigger sensitivity indication  
Trend Data

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Alarms  
Apnea  
High and low Expired minute volume  
High and low peak air way pressure  
High and low breath rate  
Nebulizer: built-in nebulizer  
Battery Backup: With internal chargeable battery backup for 3.0 hr.  
Should be equipped with built-in turbine or compressor.  
Loops: Display of P-V, V-flow, P-flow, V-f CO<sub>2</sub>, V-PCO<sub>2</sub>.  
Trending: Simultaneous display of 4 parameter trends for 1-, 6-, 12-, 24- or 72-hr  
Supplied with: disposable patient breathing circuits x 05 for Adult, Paeds & Neonate, O<sub>2</sub> Membrane x 05,  
Battery Pack x 02, O<sub>2</sub> Cell x 05, supporting arm, operating & service manual, power cord and original  
trolley, Calibration Tool Kit.  
Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent.

8 OT Light (LED) Ceiling Type Double Dome


Technical Specifications:

High-performance LEDs for illumination of the surgical site. Completely shadow-free illumination.

- Light Intensity Main/ Satellite: 160,000 lx / 160,000 lx or better
- Light intensity adjustment: 5-100%
- Color temperature Tc (with adjustment): 3800 – 4800 K or better
- Light field diameter d<sub>10</sub> at E<sub>c</sub>: 23-400 cm or better
- Working range: 70-140 cm or better
- Illumination depth (L<sub>1</sub>+L<sub>2</sub>): 1200 mm
- Color rendering index [Ra(1-8)]: >95
- Endo lighting with adjustable intensity
- Average service life of the LEDs (hours): >50,000 or more
- Autoclavable Handles
- Class of protection of light head: IP 54

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	<ul style="list-style-type: none"> <li>Wiring for HD Camera</li> </ul> <p>Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.</p>	
9	<p><b>OT Table Manual</b></p> <p>Technical Specifications: Manual-Hydraulic Operating Table Controlled by Manual Pump (Multi-Purpose) Should have following positions: Head Raise, Back Raise, Leg Raise, Hi-Low Adjustment, Trendelenburg, Reverse Trendelenburg, Jack Knife and V-Jack Knife, Lateral Tilting and Chair Position, Lateral Position, Lithotomy Position and with X-ray imaging.</p> <p>Movements:</p> <ul style="list-style-type: none"> <li>Back Raise: +60° / -40° or more</li> <li>Head Section: +45° / -90° or more</li> <li>Hi-low adjustment from 680 mm to 1020 mm or more</li> <li>Hi-low Range: 340 mm or more</li> <li>Leg Section: +18° / -90° / 110° (outwards) or more</li> <li>Trendelenburg/Reverse Trendelenburg: ± 25° or more</li> <li>Lateral Tilt: ± 25° or more</li> <li>Manual Zero Position</li> </ul> <p>Dimensions should be:</p> <ul style="list-style-type: none"> <li>Table Top Length 2000 mm or more</li> <li>Table Top Width 500 mm or more</li> <li>Table Top Height 680 mm to 1020 mm or more</li> </ul> <p>Controls:</p> <ul style="list-style-type: none"> <li>Should be Manual Pump to Operating the Table.</li> <li>Oil-Hydraulic System Controlled by Foot Pedal.</li> <li>All operations should be executed with the foot pedals.</li> </ul>	0

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- Should be obtaining the preferred position, by position indicating rotary disk.
- Should be simple, Intuitive Pedal Operation

**Drive System:**

- Drive system should be Hydraulic.
- Should be control by manual pump.
- Operations should be executed with the foot pedals.
- Should be Quiet Drive System.

**Interchangeable Head Section Base/Foot Section Base Position:**

- The head section base and foot section base should be swapped easily.

**X-ray Imaging:**

- Should have x-ray imaging facility.
- Cassette tunnel for the tray should be standard feature.
- Cassette should be inserted from the head end or the foot end.

**Mattress Base:**

- Mattress base should be Acrylic Resin (High Transparency).

**Castor:**

- Should be 01 swivel, and 02 fix.

**Mattress:**

- Material should be Cover: Vinyl Leather, and Padding: Urethane Foam.
- Should be 70 mm thickness.

**Main unit fixation**

- Manual brake and should be fixed stable to the floor.

**Safe working load**

- Safe working load should have 240 KG or more.

**Static Load**

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- Static load should be 460 Kg or more.

Standard Accessories:

- Anesthetic Screen (L-Shaped) (1 pc)
- Mattress (1 set)
- Aram Rest with Pad (1 set)

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)

Country of Origin: UK, USA, Europe, Japan or equivalent.

0 Surgical Light LED Single Dome (Mobile) 0

Technical Specifications:

- Unit should have Clarity of vision, optimum performance
- Unit should have Concentrated light source
- Unit should have Patented, proven reflector technology
- Unit should have No color deterioration
- Unit should have Cool light
- Unit should be User-friendly
- Unit should have Optimum hygiene
- Unit should have Ultra-reliable lighting
- Unit should have Safety glass for best possible clarity
- Should have light intensity of 120, 000 lux
- Should have Color temperature adjustment at 4500 Kelvin
- Should have Electric field adjustment
- Should have Focusable light field size d 10 at 1 m[mm] of satellite should be equal to 160-240
- Should have Temperature increase at head height <1'c
- Should have light emitting surface of 1650 cm 2.
- Should have Color rendering index to 95 Ra or more
- Should have Light body power consumption must 40 W or less
- Should have Life time of LED greater than 50, 000 hrs.

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	<ul style="list-style-type: none"> <li>• Illumination depth without focusing at 20% should be 900 or more</li> <li>• Illumination depth without focusing at 60% should be 500.</li> <li>• Battery Backup up to 5 hr or more.</li> </ul> <p>Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.</p>	
1	<p>X-Ray Illuminator (Wall Mounted) Large</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>• To view four x-ray films</li> <li>• Galvanized steel sheet construction</li> <li>• Uniform bright white light for clear view</li> <li>• Stainless Steel clip holder</li> <li>• Electrostatic epoxy powder coated steel finish</li> </ul> <p>Or Equivalent Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	1
2	<p>X-Ray Illuminator</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>• To view one x-ray film</li> <li>• Galvanized steel sheet construction</li> <li>• Uniform bright white light for clear view</li> <li>• Stainless Steel clip holder</li> <li>• Electrostatic epoxy powder coated steel finish</li> </ul> <p>Or Equivalent Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	1
3	<p>Autoclave Gas/Electric (Dual System) Large</p> <p>Technical Specification:</p>	0

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	<p>Autoclave gas/electric dual systems (hybrid) The systems allow for seamless switching between electrical heating and gas (LPG/natural gas/coal) sources Capacity: Commonly 150 Liters up to 280 L or more Operating Range: Up to 134°C - 136°C. Pressure: Maximum working pressure around 0. 22 MPa or ~32 psi. Heating Power: Typically 6 k W to 10. 5 k W electric heating elements, capable of being switched to gas. Material: 304 or 316 L Stainless Steel for chambers. Dual Heat Sources: Electrical immersion heaters for standard use and a gas burner (gas ring) for off-grid or power-outage situations. Dual Sterilization Cycle: Suitable for both instruments (solid) and liquid media. Safety Features: Generally equipped with safety valves, dual-stage overpressure protection (e. g. , pressure release weight valves), and sometimes automatic over-temperature protection. Control System: Computerized auto-venting/ manual. Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	
4	<p>Digital Hot Air Oven Technical Specifications: Type : Microwave Control Panel Type : Mechanical Installation Type : Free Standing Rating Power (w) (MWO) : 900 Voltage (V) : 220-240 Frequency (Hz) : 50-60 Capacity (ltr) : 23 or better Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	0
5	<p>Electric Sterilizer Medium Size Technical Specifications: Chamber volumes ranging from approximately 100 to over 150 liters or more. Operating Temperature: 100° C to 135° C or better Sterilization Pressure: Minimum 15 psi (1. 5 bar), max 45 PSIG or better. Power Requirements: 220 V. 240 V , 380 V or 480 V Chamber Construction: 316 L Stainless steel, fully jacketed.</p>	0

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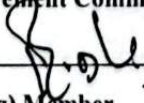





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Cycle Types: Gravity, Pre-vacuum, Liquid, Air-Cool, and Bio-waste.  
 Safety: Safety pressure release valve, emergency stop button, and low-water cut-off for the electric generator.  
 Certification: ISO/CE/FDA/JIS Any Two  
 Make: Imported/Local

6	<p><b>Echocardiography</b>  <b>Technical Specifications:</b>          Digital Echocardiography System for wide range of premium performance application of cardiovascular imaging in pediatrics and adult. System should have compatibility to handle up to 22 MHz multifrequency probes.  <b>DISPLAY:</b>          21" High Definition LCD/LED Monitor with resolution 1920 x 1080, tilt able and swiveable type.  <b>OPERATION MODES:</b>          B, 2 D, M-Mode, Power Doppler, HPRF, Spectral Doppler, Color Doppler, THI, D-THI, TDI, Duplex and Triplex Doppler, PW Doppler, CW Doppler Steerable and ECG Gating.  <b>CONTROL PANEL:</b></p> <ul style="list-style-type: none"> <li>● Alphanumeric keyboard with trackball.</li> <li>● 10-Inches Touch Control Panel Screen.</li> <li>● Direct access to system functions through dedicated keys.</li> <li>● Adjustable transmit focusing control.</li> <li>● TGC / STC: 8-step slide controls</li> <li>● 4-Active Transducer Connector for Transthoracic probes.</li> </ul> <p><b>CALIPERS / MEASUREMENTS:</b>          Measurements for: Distance, angle, Stenosis %, area, circumferences, volume, slope, time, heart rate and acceleration. LV (left ventricular function) measurements, LA (left atrial volume) measurements, AV (aortic valve) measurements, MV (mitral valve) measurements, PV (pulmonary valve) measurements, PISA measurements, LV MASS measurements, Vascular measurements (CCA, ECA, ICA, VA, SA), Flex-M/Anatomical M-Mode.  <b>APPLICATION:</b></p>	0
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Cardiac, Peripheral, Pediatric, Adult Cephalic, and Vascular with software for measurements.

**FRAME RATE:**

2000 fps or more.

**CINE MEMORY:**

Cine Memory: 900 MB or more.

**SYSTEM SCANNING DEPTH:**

48 cm or more

**SYSTEM FREQUENCY RANGE:**

2 – 22 MHz or More

**STORAGE DEVICE:**

1000 GB SSD / HDD.

**SYSTEM DYNAMIC RANGE:**

Dynamic range minimum 300 dB or more

**COMMUNICATION SOFTWARE:**

DICOM communication software for Storage (server / media), print, Verification (export/import), MPPS, MWM, Query / Retrieve.

**PORTS:**


Video Output, 4 or more USB Ports, Networking.

**IMAGING MODES / TECHNIQUES:**

- Tissue harmonic Imaging, Power Angio, Tissue Doppler Imaging.
- Exercise and pharmacological stress echo examinations. Data Acquisition & Review Mode. Stress echo module for storing and reporting stress echo.
- Full Focus in all parts of image without the need to adjust focus to reduced operation steps/keystrokes along with higher image uniformity without compromising the frame rate.
- 2 D Tissue Strain Imaging /Wall motion tracking along with polar map and graphic display, Local & whole myocardial wall motion parameter curve display.
- Auto EF Measurement using Artificial Intelligence (AI).

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- Auto IMT Measurement using Artificial Intelligence (AI).

**STANDARD TRANSDUCERS:**

Multi frequency Phased array sector probe to cover 2.0 – 5.0 MHz for adults.

Multi frequency Phased array sector probe to cover 3.0 – 8.0 MHz for peds.

**ACCESSORIES**

- Compatible UPS.
- Digital B/W Thermal Printer.

**OPTIONAL (Must Quote Separately):**

MPI (Myocardial Performance Index) value should be calculated from the time change curve in TDI.

Multi frequency Linear Probe to cover 5.0 – 11.0 MHz for vascular.

18 MHz high frequency Linear Probe.






22 MHz Multi frequencies Hockey Stick Linear Probe.

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)

Country of Origin: UK, USA, Europe, Japan or equivalent.

7	<p>Height Weight Machine Technical Specifications: Easy to read Dial. Low Platform with anti-slip matting. Maximum Weight: 120 kgs/150 kg/160 kg or better Min. value per division: 0.5 kg or better Height Measuring Range: 70-190 cm (27 1/2 – 74 3/4 inc. ) or better Load Platform area (Lx W): 370 x 270 mm or better Overall Dimensions: L: 680 W: 275 H: 930 mm or better Size of Platform: L: 370 x W: 270 mm or better Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	2
8	<p>B. P Apparatus Technical Specifications: • Mercurial Sphygmomanometer Stand Type with 5 Castors base • Housing made of aluminum die-casting</p>	1

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- Mercury purity should be 99.99%
- Measurable Range: 0 - 300 mm H
- Glass Tube: 3 mm x 300 mm
- Cotton Cuff for Adult / Paed

Or Equivalent

Certification: ISO/CE/FDA/JIS Any Two  
Make: Imported/Local

9	Torch Technical Specifications: Controlled lighting, portability, and hygiene. Light Source: A high-intensity white or warm yellow LED, designed to show true tissue color. Brightness (Lumens): 10-100 lumens or better Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local	1
0	Showering Center for Burns Patient Technical Specifications: Equipment for Burn Showers: Mobile hygienic chair with adjustable position for transportation and performance of hygienic and toileting procedures Electric height and patient positioning adjustments and protection against water and dirt. The positions of the various parts of the chair are adjustable via a handheld remote control, to ensuring optimal patient positioning. Should have electric height adjustment and forward and backward tilt of the seat, Should have reclining armrests, Adjustable headrest for head stability for greater patient comfort, Should have 4 double casters with brake, Removable seats make it easy to perform sanitary tasks,	0


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Footrest for greater patient comfort,  
Maximum safe working load up to 180 kg or better,  
Length (cm) : 89 or better  
Width (cm) : 65 or better  
Handle height (cm): 103-126 or better  
Lifting height (cm): 50-101 or better  
Tilt adjustment (degrees) -5/ +27 or better  
Footrest height from the floor (cm) : 11. 2 or better  
Turning diameter of the device (cm) : 120 or better  
Caster diameter (cm) : 12. 5 or better  
Battery capacity (AH) : 2. 9  
Charging time : approx. 5 hours  
Supplied with battery charger  
Water Temperature: The water used for washing should ideally be between 40 – 42 °C to increase blood flow and soften dead skin.  
Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent.

1	Stethoscope (Adult) Technical Specifications: <ul style="list-style-type: none"><li>• Dual Head Stethoscope for Adults</li><li>• Lightweight aluminum chest piece construction</li><li>• Non-chill bell and diaphragm rim for patient comfort</li><li>• Diaphragm diameter 1 3/4", bell diameter 3/4"</li><li>• Proprietary diaphragm enhances acoustic response by 50% over traditional designs</li><li>• Adjustable aluminum binaural with PVC ear tips</li><li>• Flexible 21" PVC tubing</li><li>• Included with spare pair of black mushroom ear tips</li></ul>	0
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	<p>Or Equivalent Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	
2	<p>Stethoscope (Paed) Technical Specifications: - Dual Head Stethoscope for Pediatric made of stainless steel - Able to delivers accurate auscultation of heart, lung, and Korotkoff sounds with acoustic integrity and clarity. - Included with 2 extra sets ear tips, spare ultrasensitive diaphragm, and ID tag</p> <p>Or Equivalent Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	0
3	<p>Microscope 12 Head Technical Specifications: Head: 30° inclined binocular tube, 360° rotatable, with an interpupillary distance range of 48–75 mm or better. Eyepieces: 10 x magnification with a 20 mm field number (FN 20) for wide viewing or better; Objectives: Infinity Plan Achromat Series (anti-fungus) - 4 x (NA 0. 1), 10 x (NA 0. 25), 40 x (NA 0. 65), and 100 x Oil (NA 1. 25). Stage: Fixed rackless mechanical stage (120 mm x 132 mm) with a 76 mm x 30 mm traverses range and low-drive right-hand controls. Focusing: Coaxial coarse/fine focus system with a 15 mm stroke, upper limit stopper to prevent damage, and torque adjustment. Condenser: Abbe condenser with a numerical aperture (NA) of 1. 25. Illumination: Built-in transmitted LED light source with an expected 20, 000-hour lifespan or more. Power: AC 100–240 V 50/60 Hz 0. 4 A with integrated power cord. Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.</p>	0

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4	<b>Hematology Analyzer</b> <b>Technical Specifications:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Throughput</td> <td colspan="2">CBC + Differential up to 84 per hour or better</td> </tr> <tr> <td>Sample Size</td> <td colspan="2">Open mode 150 µL; Sample Loader 230 µL or better</td> </tr> <tr> <td>Reagents</td> <td colspan="2">Only 3 reagents plus optional reticulocyte reagent or better</td> </tr> <tr> <td>WBC &amp; Differential Technology</td> <td colspan="2">Optical Scatterplot Analysis or equivalent/or better.</td> </tr> <tr> <td>RBC and Platelet Technology</td> <td colspan="2">Optical analysis with no additional reagent or reflex testing requirement for PLTs</td> </tr> <tr> <td>Reticulocyte Technology</td> <td colspan="2">Optical analysis with New Methylene Blue NOCLS method; supravital staining technique or better</td> </tr> <tr> <td colspan="3"><b>Analytical Measurement Ranges:</b></td> </tr> <tr> <td><b>Parameter</b></td> <td><b>AMR</b></td> <td><b>Units</b></td> </tr> <tr> <td>WBC</td> <td>0.02 – 246.8</td> <td>x 10<sup>3</sup>/µL</td> </tr> <tr> <td>RBC</td> <td>0.00 – 7.50</td> <td>x 10<sup>6</sup>/µL</td> </tr> <tr> <td>HGB</td> <td>0.0 – 25.0</td> <td>g/dL</td> </tr> <tr> <td>HCT</td> <td>8.3 – 79.8</td> <td>%</td> </tr> <tr> <td>MCV</td> <td>58 – 139</td> <td>fL</td> </tr> <tr> <td>RDW</td> <td>10.0 – 29.8</td> <td>%</td> </tr> <tr> <td>PLT</td> <td>0.00 – 3000</td> <td>x 10<sup>3</sup>/µL</td> </tr> <tr> <td>MPV</td> <td>4.3 – 17.2</td> <td>fL</td> </tr> <tr> <td colspan="3"><b>Data Management &amp; System Info:</b></td> </tr> <tr> <td>Operating System:</td> <td colspan="2">Microsoft Windows-based or equivalent</td> </tr> <tr> <td>Storage:</td> <td colspan="2">10,000 results stored with graphics or more</td> </tr> <tr> <td>QC:</td> <td colspan="2">Full on-board QC including Levey-Jennings plots and Westgard rules</td> </tr> <tr> <td>Display:</td> <td colspan="2">Touch screen monitor</td> </tr> <tr> <td>Interface:</td> <td colspan="2">Bar code reading (Code 39, Codabar, Code 128, Interleaved 2 of 5, ISBT) or better</td> </tr> </table> <p>Supplied with: Compatible Ups and Printer            Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)            Country of Origin: UK, USA, Europe, Japan or equivalent.</p>	Throughput	CBC + Differential up to 84 per hour or better		Sample Size	Open mode 150 µL; Sample Loader 230 µL or better		Reagents	Only 3 reagents plus optional reticulocyte reagent or better		WBC & Differential Technology	Optical Scatterplot Analysis or equivalent/or better.		RBC and Platelet Technology	Optical analysis with no additional reagent or reflex testing requirement for PLTs		Reticulocyte Technology	Optical analysis with New Methylene Blue NOCLS method; supravital staining technique or better		<b>Analytical Measurement Ranges:</b>			<b>Parameter</b>	<b>AMR</b>	<b>Units</b>	WBC	0.02 – 246.8	x 10 <sup>3</sup> /µL	RBC	0.00 – 7.50	x 10 <sup>6</sup> /µL	HGB	0.0 – 25.0	g/dL	HCT	8.3 – 79.8	%	MCV	58 – 139	fL	RDW	10.0 – 29.8	%	PLT	0.00 – 3000	x 10 <sup>3</sup> /µL	MPV	4.3 – 17.2	fL	<b>Data Management &amp; System Info:</b>			Operating System:	Microsoft Windows-based or equivalent		Storage:	10,000 results stored with graphics or more		QC:	Full on-board QC including Levey-Jennings plots and Westgard rules		Display:	Touch screen monitor		Interface:	Bar code reading (Code 39, Codabar, Code 128, Interleaved 2 of 5, ISBT) or better		0
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5	<b>Gel Tube&amp; CBC/EDTA Tube</b> <b>Technical Specifications:</b> Standard type	2 ea																																																																		

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Size Range: All Commonly used  
Certification: ISO/CE/FDA/JIS Any Two  
Make: Imported/Local

6	<p><b>Blood Gas Analyzer</b> Technical Specifications:</p> <ol style="list-style-type: none"> <li>The Blood Gas Analyzer machine should be fully automatic.</li> <li>With high-resolution, 10.4-inch color TFT-LCD touch screen mounted on an adjustable arm for ergonomic use by laboratory staff or better.</li> <li>The system measures a comprehensive panel of 13 direct parameters, including Blood Gases (pH, PO<sub>2</sub>, PCO<sub>2</sub>), Electrolytes (Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>2+</sup>), Hematocrit (Hct), and Metabolites (Glucose and Lactate).</li> <li>It includes a dedicated CO-Oximetry module for the measurement of Total Hemoglobin (tHb), Oxygen Saturation (SO<sub>2</sub>), and Hemoglobin derivatives (O<sub>2</sub>Hb, HHb, COHb, MetHb).</li> <li>Zero-maintenance, long-life electrodes that eliminate the need for membrane replacement or polishing, reducing manual labor.</li> <li>A built-in thermal printer and integrated barcode scanner are provided as standard to ensure seamless data output and patient identification.</li> <li>The system supports a Micro-mode sample volume of approximately 47 μL, making it suitable for neonatal and pediatric testing.</li> </ol>	0
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Supplied with: Compatible Ups and Printer  
Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent.

7	<p><b>Electrolyte Analyzer</b> Technical Specifications:</p> <table border="1" style="width: 100%;"> <tr> <th colspan="2">Electrodes:</th> </tr> <tr> <td>Sodium Sensor (Na<sup>+</sup>)</td> <td>Ion selective, flow-through, glass capillary electrode</td> </tr> <tr> <td>Potassium Sensor (K<sup>+</sup>)</td> <td>Ion selective, flow-through, liquid membrane electrode</td> </tr> <tr> <td>Chloride Sensor (Cl<sup>-</sup>)</td> <td>Ion selective, flow-through, liquid membrane electrode</td> </tr> </table>	Electrodes:		Sodium Sensor (Na <sup>+</sup> )	Ion selective, flow-through, glass capillary electrode	Potassium Sensor (K <sup>+</sup> )	Ion selective, flow-through, liquid membrane electrode	Chloride Sensor (Cl <sup>-</sup> )	Ion selective, flow-through, liquid membrane electrode	0
Electrodes:										
Sodium Sensor (Na <sup>+</sup> )	Ion selective, flow-through, glass capillary electrode									
Potassium Sensor (K <sup>+</sup> )	Ion selective, flow-through, liquid membrane electrode									
Chloride Sensor (Cl <sup>-</sup> )	Ion selective, flow-through, liquid membrane electrode									

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Ionized Calcium Sensor (Ca <sup>2+</sup> )	Ion selective, flow-through, liquid membrane electrode		
Lithium Sensor (Li <sup>+</sup> )	Ion selective, flow-through, liquid membrane electrode		
Reference System	Open liquid junction, flow-through electrode		
<b>Measuring Range (in mmol/L)</b>			
<b>Sample Type</b>	<b>Ion</b>	<b>Resolution</b>	<b>Range</b>
Whole Blood, Serum, Plasma, QC	Na <sup>+</sup>	0.1 mmol/L	40–205 mmol/L
	K <sup>+</sup>	0.01 mmol/L	1.5–15 mmol/L
	Cl <sup>-</sup>	0.1 mmol/L	50–200 mmol/L
	Ca <sup>2+</sup>	0.001 mmol/L	0.2–5.0 mmol/L
Dialysate	Li <sup>+</sup>	0.001 mmol/L	0.1–6.0 mmol/L
	Na <sup>+</sup>	0.1 mmol/L	40–205 mmol/L
	K <sup>+</sup>	0.01 mmol/L	0.8–15.0 mmol/L
	Cl <sup>-</sup>	0.1 mmol/L	50–200 mmol/L
Urine	Ca <sup>2+</sup>	0.001 mmol/L	0.2–5.0 mmol/L
	Na <sup>+</sup>	1.0 mmol/L	1–300 mmol/L
	K <sup>+</sup>	0.1 mmol/L	4.5–120 mmol/L
	Cl <sup>-</sup>	1.0 mmol/L	1–300 mmol/L
<b>Operating Parameters:</b>			
Sample Size	95 µl typical or better		
Sample Type	Whole blood, serum, plasma, urine, dialysate, aqueous stds, QC		
Sample Application	Syringe, sample cup, collection tube, capillary micro sampler or better		
Analysis Time	50 seconds or better		
Sample Rate	60 samples/hour without printout; 45 samples/hour with printout or better		
Calibration	Fully automatic, 1-point with every sample; 2-point every 4 hours or better		

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Data Management	QC Storage: 3 levels, 34 days; calculation of mean, SD, and CV or better	
Electronics	Microprocessor controlled; memory for last 20 error messages or better	
Display	Dot matrix, 2 lines, 16 characters wide or better	
Printout	Built-in, thermal roll printer, 16 characters wide or better	
<p>Supplied with: Compatible Ups and Printer            Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)            Country of Origin: UK, USA, Europe, Japan or equivalent.</p>		
8	<p><b>Weighing Machine</b>            Technical Specifications:</p> <ul style="list-style-type: none"> <li>● High precision load Cell, Compact design.</li> <li>● Super bright LCD Display with backlight.</li> <li>● Main Adapter supplied as standard.</li> <li>● Stabilization time 1.5 sec.</li> <li>● Overload Protection.</li> <li>● Selectable measure units: g, oz, ct</li> <li>● Measure Range: 0.001 gm to 300 gm or better</li> </ul> <p>Certification: ISO/CE/FDA/JIS Any Two            Make: Imported/Local</p>	0
9	<p><b>Glucose Meter One Touch</b>            Technical Specifications:            Result Time 5 sec or better            Sample Size: 0.4 ul-1.0 ul or better            Memory 500 test or better            Range: 20-600 mg/dl or better            Battery Lithium            Certification: ISO/CE/FDA/JIS Any Two</p>	1

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
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0	Make: Imported/Local	
0	<p><b>Chemistry Analyzer</b>  <b>Technical Specifications:</b>          Fully automated random access chemistry analyzer that offers a host of features only seen on larger systems. The capacity to perform up to 400 tests per hour and offers primary tube sampling, on board sample dilution and a cooled reagent compartment.</p> <ul style="list-style-type: none"> <li>• Comprehensive test panel for clinical chemistry, proteins and TDMs Cuvette wash system.</li> <li>• Cuvette wash system</li> <li>• Refrigerated inner sample carousel for onboard calibrators and QC material STAT facility</li> <li>• Direct interface with host computer</li> <li>• Automatic re-run and pre-dilution functions</li> </ul> <p>TEST CHANNELS: 63 channels (60 photometric channels, 3 ISEs)          ASSAY TYPES: Endpoint, kinetic, turbidimetric, ISE, sample and reagent blanking          THROUGHPUT: Up to 400 tests per hour          SOFTWARE: Windows XP based          STIRRING SYSTEM: Variable speed          SAMPLE INPUT: 72 positions for routine, STAT and QC samples. Barcode identification, pre-dilution facility and automatic re-assay          SAMPLE PIPETTE: Micropipette with liquid level detector, sample short detection and clot detector          REAGENT SYSTEM: 60 reagent positions (20 ml, 50 ml, 70 ml &amp; 100 ml bottles). Barcode identification of reagents, calculation of remaining reagent volume and tests available          CUVETTE SYSTEM: 90 reusable cuvettes (volume 150µl min, 450µl max)          DETECTOR: Direct absorbance in cuvette (mono or bi-chromatic). Filters fro 340, 380, 415, 450, 510, 570, 600, 660, 700, 750 and 800 nm</p> <p><b>Key Features:</b></p> <ul style="list-style-type: none"> <li>• 90 Permanent Pyrex Cuvettes</li> </ul>	0

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- 5-Speed Mixers
- Design convenient for user & engineers both
- Refrigerated reagents
- Cooled QC/ Calibrator Ring\
- 12 Wavelength Diffraction Grating
- Dual Reagent Probes with Level Sensing and Bubble Detection
- Internal Water Reservoir
- Versatile Sample Carousel
- Extensive QC Capabilities
- Pre-programmed Calibration
- Multiple Reference Ranges
- Auto-start Function
- Automatic Sample Rerun
- Serum Indices
- Cuvette Checking
- Extensive Test Menu
- Small sample volume
- Cuvette Numbering System
- Test Counter

Backup: Free Backup service and maintenance of equipment and their UPS one equipment should be installed as backup as FOC

Supplied with: Compatible Ups and Printer  
 Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
 Country of Origin: UK, USA, Europe, Japan or equivalent.

1	Incubator Technical Specifications:	0
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	<p><b>VOLTAGE: 230 V/50 Hz</b></p> <ul style="list-style-type: none"> <li>- OPERATING TEMPERATURE RANGE: +20 TO +24 °C.</li> <li>- DIGITAL TEMP CONTROLLER W/ SENSOR</li> <li>- 7 DAYS INKLESS 4" CHART RECORDER, DOOR LOCK, ALARM KEY.</li> <li>- AUDIBLE &amp; VISUAL ALARM W/ CONTACTS FOR MONITORING SYSTEM</li> <li>- With Agitator</li> </ul> <p>Door: Single Pane Tempered Glass Door Refrigeration(230 V): 0. 5 HP Air-Cooled, R 134 A Non-CFC Electrical: 230 V 50/60 Hz Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	
2	<p><b>Shaker for Test Tube</b> Technical Specifications: 3 D rotation, with 540 r/min speed or better. Rotating angle 20°. Max bearing capacity: 0. 8 kg or better. Adjustable low &amp; high flow alarm: 10-990 ml. RS 232 cable for bar code reader or equivalent. Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	0
3	<p><b>Micropipette Adjustable</b> Technical Specifications: Range: 0. 5-10 ul, 2-20 ul, 5-50 ul, 10-100 ul, 20-200 ul, 100-1000 ul, 1000-5000 ul Features</p> <ul style="list-style-type: none"> <li>• Locking System</li> <li>• Contoured shape</li> <li>• Thumb-friendly Spring System</li> <li>• Larger Volume Display</li> <li>• Revolutionary Multichannel Manifold</li> </ul>	0

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- 360° Ejector
- Completely Autoclavable
- UV Resistant body
- Equipped with a Dual Volume Adjustment System

Autoclave ability: Full  
UV resistance: Full  
Handle design: Modern/Light  
Pipetting force: Ultra low  
Volume setting: Pushbutton + knob  
Certification: ISO/CE/FDA/JIS Any Two  
Make: Imported/Local

4	<p><b>Blood Bank Refrigerator</b> Technical Specifications: Capacity: 200 Bottle or more Features</p> <ul style="list-style-type: none"><li>➤ Energy Efficient</li><li>➤ Superior temperature uniformity</li><li>➤ Low noise</li><li>➤ Multiple alarms</li><li>➤ Safe, reliable and secure</li></ul> <p>Liters : 450 or more Input Power : 350 W Temperature range : 2 ~ 8°C or better Voltage (V/Hz) : 220 V / 50 Hz Temperature Control : Microprocessor control Over and under temperature : Audible and visual alarm Cabinet : Upright</p>	0
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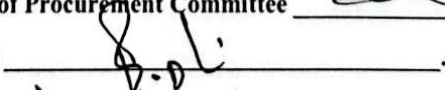
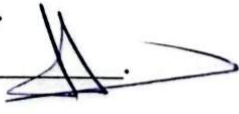
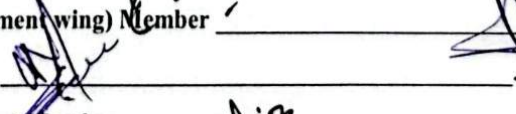



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Door : Single glass  
Compressor : Danfoss compressor  
Refrigerant : R 134 a  
Door lock / Casters : 1 / 4  
Shelves / Box : 6 or more  
Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent.

5	Portable Ultrasound Technical Specifications: Fully Digital Beam Former Color Doppler Ultrasound System Having 2 d/M-Mode And Doppler Facilities, (Pw, HPRF & Power Doppler) Capable To Handle Multifrequency Probe Up to 18 mhz And Upgradable To CW And 4 d Imaging In Convex & Endocavity Probe. System Complete With Following Facilities: - High-Definition 21" Or More Lcd/Led Monitor with Resolution 1920 X 1080 or better. - 3 Active Transducer Connector For Trans thoracic Probe. - 1000 gb Or More Solid State Drive To Be Built-In To The System. - Dicom Compatibility. - Touch Command Screen Control At Least 10-Inches Color Lcd/Tft. Standard Probes: - 2 – 6 Mhz Multi-Frequency Convex Probe. - 5 – 10 Mhz Multi-Frequency Linear Probe. - 4 – 11 Mhz Multi-Frequency Endocavity Probe. • Viewing Depth: 40 Cm or More. • Frame Rate: 900 fps or More. • Built In Cine Memory: 900 mb Or More. • System Dynamic Range: 300 db or More. • Tissue Doppler Imaging. • Power Doppler.	0
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- Tissue Harmonic Imaging.
- Auto Imt By Using Artificial Intelligence (Ai)
- Differential Thi / Hd-Thi / Cpi For Spatial Resolution And Better Penetration.
- Advanced Dynamic Flow / Dfi / Clarify Ve / E-Flow / Micro V / Hd Flow.
- Auto Image Optimization/Quick Scan Imaging For Automatic Image Optimization by Using One Touch Operation.
- Sono Ct/Compound/Aplipure to Reduces Ultrasound Wave Interference Within tissues, which appears as Speckle Pattern.
- Aplipure+ / Xview+ / Advanced Sieclear/ Speckle Reduction Imaging to Reduce Speckle Noise and Acoustic Shadows.
- Adaptive Suppression Imaging / Cross Beam/Xflow/ Dtce/ Precision Imaging.
- Needle Recognition / Biopsy Enhancement Auto Mode for Needle Visualization.
- Att/Ugap/Ati/Udff/Qai/Attenuation Imaging For Fat Liver Assessment in Db/Cm/Mhz

**Accessories :**

A. B/W Thermal Printer.

B. Compatible UPS.

Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)

Country of Origin: UK, USA, Europe, Japan or equivalent.

6 Central Oxygen Gas Supply Lines System with Vacuum

0

**Technical Specifications:**

S.NO	DESCRIPTION	QTY	UNIT
	MEDICAL GRADE COPPER PIPE, SEAMLESS, DEOXIDIZED, DEGREASED, HALF HARD, THICKNESS 18 SWG, (ASTM B819/ EN 13348 COMPLIANT), SUITABLE FOR OXYGEN & VACUUM SYSTEMS AS PER HTM 02-01 & ISO 7396-1.		

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01	COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.		
	COPPERPIPE1/2"	2000	PRFT
	COPPERPIPE3/4"	4800	PRFT
	COPPERPIPE1"	1300	PRFT
02	MEDICAL GAS OUTLET POINTS, PRECISION INDEXING TYPE COMPLIANT WITH BS EN 737-1 / ISO 9170-1, HTM 02-01, AND ISO 7396-1, DESIGNED FOR CRITICAL CARE AND GENERAL MEDICAL APPLICATIONS. MODULAR FIRST-FIX AND SECOND-FIX CONFIGURATION WITH A SERVICEABLE SECOND-FIX VALVE ASSEMBLY, FULLY FACTORY CALIBRATED, 100% LEAK-TESTED, INCORPORATING GAS-SPECIFIC, NON- INTERCHANGEABLE, COLOR-CODED INDEXED SOCKETS TO PREVENT CROSS- CONNECTION. EQUIPPED WITH A FAILSAFE QUICK-CONNECT/DISCONNECT MECHANISM TO ENSURE BACKFLOW PREVENTION AND UNINTERRUPTED GAS SUPPLY. COMPLIANT WITH MEDICAL DEVICES DIRECTIVE (93/42/EEC), COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.		
	OXYGENOUTLET	250	NOS
	MEDICALVACUUMOUTLET	125	NOS

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03	MEDICAL GAS ISOLATION VALVE ASSEMBLY, CONSTRUCTED FROM HIGH GRADE FORGED BRASS, COMPLETE WITH PRECISION-ENGINEERED VALVE ADAPTERS AND COMPATIBLE SOCKET CONNECTIONS, DESIGNED SPECIFICALLY FOR MEDICAL GAS PIPELINE SYSTEMS. THE VALVE SHALL BE QUARTER TURN, NONE LUBRICATED, BALL TYPE, ENSURING MINIMAL PRESSURE DROP AND SMOOTH OPERATION UNDER SYSTEM WORKING PRESSURE. IT SHALL BE FACTORY TESTED FOR 100% LEAK INTEGRITY AND SUITABLE FOR OXYGEN, NITROUS OXIDE AND VACUUM CONFORMING TO HTM 02-01, ISO 7396-1, AND EN 331 STANDARDS. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT		
	VALVE1/4"	327	NOS
	VALVE3/4"	48	NOS
	VALVE1"	14	NOS
04	ALUMINUM PATIENT BED HEAD PANEL, POWDER-COATED FINISH, DESIGNED TO ACCOMMODATE MEDICAL GAS TERMINAL UNITS AND ELECTRICAL MODULES. CONFIGURED WITH MULTI-COMPARTMENT SEGREGATION FOR GAS AND ELECTRICAL SERVICES IN ACCORDANCE WITH HTM 02-01 & IEC 60364. WALL MOUNTED AT PATIENT HEAD LEVEL FOR INTEGRATION WITH OXYGEN & VACUUM. HYGIENIC, DURABLE, AND SUITABLE FOR ICU, EMERGENCY, AND GENERAL WARD APPLICATIONS. TWO SEPARATE COMPARTMENTS FOR GASES AND ELECTRICAL SUPPLY COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.	810	PRFT

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05	ELECTRICAL BREAKER / HOSPITAL GRADE BREAKER OUTLETS, SUITABLE FOR MEDICAL ENVIRONMENTS AND INSTALLED AT EACH PATIENT BED LOCATION FOR CONTINUOUS DUTY OPERATION OF CRITICAL HEALTHCARE EQUIPMENT. WIRING SHALL BE EXECUTED USING PAKISTAN CABLES WITH STANDARDIZED GROUNDING/EARTHLING AND LOCAL ELECTRICAL SAFETY REGULATIONS ONLY IN PANEL. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.	150	NOS
06	ELECTRICAL SOCKET / HOSPITAL GRADE SOCKET OUTLETS, SUITABLE FOR MEDICAL ENVIRONMENTS AND INSTALLED AT EACH PATIENT BED LOCATION FOR CONTINUOUS-DUTY OPERATION OF CRITICAL HEALTHCARE EQUIPMENT. WIRING SHALL BE EXECUTED USING PAKISTAN CABLES WITH STANDARDIZED GROUNDING/EARTHLING AND LOCAL ELECTRICAL SAFETY REGULATIONS. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.	685	NOS
07	OXYGEN FLOW METER, SUITABLE FOR MEDICAL GAS SYSTEMS WITH BS PROBE CONNECTION, DELIVERING A REGULATED FLOW RANGE OF 0-15 LPM FOR CLINICAL OXYGEN THERAPY APPLICATIONS. UNIT SHALL INCLUDE AN AUTOCLAVABLE 200 CC HUMIDIFIER BOTTLE WITH INTEGRATED 6 PSI SAFETY RELIEF VALVE, DESIGNED FOR PATIENT SAFETY AND CONTROLLED HUMIDIFICATION. PRECISION-ENGINEERED FLOW CONTROL MECHANISM ENSURES ACCURATE DELIVERY IN COMPLIANCE WITH ISO 15002 AND COMPATIBLE WITH STANDARD MEDICAL OXYGEN TERMINAL UNITS. CONSTRUCTED FROM HIGH-DURABILITY MATERIALS FOR REPEATED STERILIZATION CYCLES. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR	225	NOS

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	EQUIVALENT.		
08	VACUUM REGULATOR, SUITABLE FOR MEDICAL GAS SYSTEMS WITH BS PROBE CONNECTION, DELIVERING A REGULATED FLOW FOR CLINICAL SUCTION THERAPY APPLICATIONS. UNIT SHALL INCLUDE AN AUTOCLAVABLE 1000 ML JAR DESIGNED FOR PATIENT SAFETY. PRECISION-ENGINEERED FLOW CONTROL MECHANISM ENSURES ACCURATE DELIVERY IN COMPLIANCE WITH ISO 15002 AND COMPATIBLE WITH STANDARD MEDICAL VACUUM TERMINAL UNITS. CONSTRUCTED FROM HIGH-DURABILITY MATERIALS FOR REPEATED STERILIZATION CYCLE. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.	125	NOS
09	MEDICAL GAS ZONE VALVE BOX SUITABLE FOR ISOLATION AND CONTROL OF INDIVIDUAL MEDICAL GAS ZONES/FLOORS/AREAS IN HOSPITAL MGPS NETWORK. THE UNIT SHALL BE FABRICATED FROM POWDER-COATED MILD STEEL OR STAINLESS STEEL ENCLOSURE WITH TRANSPARENT BREAKABLE/ACRYLIC FRONT COVER FOR EMERGENCY ACCESS. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.	48	NOS

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10	DIGITAL MEDICAL OXYGEN GAS ALARM PANEL WITH REAL-TIME PRESSURE MONITORING, AUDIO-VISUAL ALARM INDICATION, EMERGENCY FAULT ALERTS, AND COMPATIBILITY WITH HOSPITAL MGPS STANDARDS. COMPLETE WITH SENSORS, CONTROL MODULE, POWER SUPPLY, WIRING, AND ALL NECESSARY ACCESSORIES. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.		
	OXYGEN ALARM PANEL	06	NOS
	VACUUM ALARM PANEL	06	NOS
11	MEDICAL GRADE MONITOR STANDS SUITABLE FOR HOSPITAL APPLICATIONS. THE STAND SHALL BE FABRICATED FROM HIGH QUALITY ALUMINUM WITH ANTI CORROSIVE FINISH. IT SHALL BE CAPABLE OF SUPPORTING PATIENT MONITORS AND RELATED MEDICAL ACCESSORIES SAFELY AND SECURELY. THE STAND SHALL INCLUDE ADJUSTABLE HEIGHT MECHANISM, STABLE BASE FOR EASY MOVEMENT. PROVISION FOR CABLE MANAGEMENT AND ACCESSORY MOUNTING SHALL BE AVAILABLE. THE STRUCTURE SHALL BE DURABLE, EASY TO CLEAN, AND SUITABLE FOR CONTINUOUS HOSPITAL USE. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.	125	NOS
	MEDICAL GRADE I.V STANDS SUITABLE FOR HOSPITAL APPLICATIONS. THE STAND SHALL BE FABRICATED FROM HIGH QUALITY ALUMINUM WITH ANTI		

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12	CORROSIVE FINISH. IT SHALL BE CAPABLE OF SUPPORTING 02/04 I.V FLUID BOTTLES AND RELATED MEDICAL ACCESSORIES SAFELY AND SECURELY. THE STAND SHALL INCLUDE ADJUSTABLE HEIGHT MECHANISM, STABLE BASE FOR EASY MOVEMENT. THE STRUCTURE SHALL BE DURABLE, EASY TO CLEAN, AND SUITABLE FOR CONTINUOUS HOSPITAL USE. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.	125	NOS	
13	A COMPLETE SKID-MOUNTED, DUPLEX MEDICAL VACUUM PLANT, ENGINEERED FOR CONTINUOUS SERVICE IN CRITICAL MEDICAL APPLICATIONS AND FULLY COMPLIANT WITH STANDARDS SUCH AS HTM 02-01 OR NFPA 99. THE SYSTEM SHALL FEATURE N+1 REDUNDANCY, INCORPORATING TWO (2) INDIVIDUAL MEDICAL VACUUM PUMPS, WITH A CAPACITY OF 1000 L/MIN OR BETTER FREE AIR DISPLACEMENT. THE PUMPS MUST BE OF THE ROTARY VANE - OIL FLOODED TYPE AND MUST BE CAPABLE OF ACHIEVING A MAXIMUM ULTIMATE VACUUM OF AT LEAST 50PA. AIR STORAGE WILL BE MANAGED BY A CERTIFIED LITER VERTICAL VACUUM RECEIVER TANK. ESSENTIAL SAFETY COMPONENTS INCLUDE A BACTERIAL FILTRATION SYSTEM INSTALLED UPSTREAM OF THE PUMPS, WITH FILTERS RATED AT 0.3MM EFFICIENCY (99.97% OR BETTER), TO PREVENT CONTAMINATION OF THE ENVIRONMENT. A CENTRALIZED PLC- BASED CONTROL PANEL IS REQUIRED TO MANAGE AUTOMATIC PUMP ALTERNATION (LEAD/LAG SEQUENCING), MONITOR VACUUM LEVELS, AND PROVIDE BOTH LOCAL AND REMOTE ALARMS FOR HIGH/LOW VACUUM OR PUMP FAULTS. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.	02	Nos	

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14	<p>WALL-MOUNTED, HIGH-CAPACITY <b>PRIMARY MEDICAL OXYGEN MANIFOLD</b> ENGINEERED AS A DUPLEX MANUAL CHANGEOVER SYSTEM, COMPRISING DUAL 10-CYLINDER BANKS (TOTAL 20 CYLINDERS) WITH FULL-DUTY/STANDBY FUNCTIONALITY. THE ASSEMBLY SHALL INCORPORATE OXYGEN- SERVICE-DEGREASED, NON-FERROUS HIGH-PRESSURE COMPONENTS RATED <math>\geq 200</math> BAR, WITH RIGID HP HEADER ASSEMBLIES, NON- RETURN-PROTECTED CYLINDER INLETS, AND FLEXIBLE OXYGEN-COMPATIBLE HP PIGTAILS FOR ALL 20 CYLINDERS. SYSTEM SHALL INCLUDE MULTI-STAGE PRESSURE REGULATION DELIVERING A STABILIZED 4-5 BAR OUTLET PRESSURE TO THE MEDICAL GAS PIPELINE, INTEGRATED OVER-PRESSURE PROTECTION, BANK ISOLATION, AND COMPLIANT STRUCTURAL CYLINDER-RESTRAINING BRACKETS. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.</p>	1	SET
15	<p>WALL-MOUNTED, HIGH-CAPACITY <b>SECONDARY/BACKUP MEDICAL OXYGEN MANIFOLD</b> ENGINEERED AS A DUPLEX MANUAL CHANGEOVER SYSTEM, COMPRISING DUAL 05-CYLINDER BANKS (TOTAL 10 CYLINDERS) WITH FULL-DUTY/STANDBY FUNCTIONALITY. THE ASSEMBLY SHALL INCORPORATE OXYGEN- SERVICE-DEGREASED, NON-FERROUS HIGH-PRESSURE COMPONENTS RATED <math>\geq 200</math> BAR, WITH RIGID HP HEADER ASSEMBLIES, NON- RETURN-PROTECTED CYLINDER INLETS, AND FLEXIBLE OXYGEN-COMPATIBLE HP PIGTAILS FOR ALL 10 CYLINDERS. SYSTEM SHALL INCLUDE MULTI-STAGE PRESSURE REGULATION DELIVERING A STABILIZED 4-5 BAR OUTLET PRESSURE TO THE MEDICAL GAS PIPELINE, INTEGRATED OVER-PRESSURE PROTECTION, BANK ISOLATION, AND COMPLIANT STRUCTURAL CYLINDER-RESTRAINING BRACKETS. COUNTRY / ORIGIN: UK/USA/ITALY/TURKEY/KOREA OR EQUIVALENT.</p>	1	SET

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16	<p>TESTING, COMMISSIONING, AND VALIDATION OF THE COMPLETE MEDICAL GAS PIPELINE SYSTEM (MGPS), INCLUDING PRESSURE HOLDING TEST, PNEUMATIC LEAKAGE TEST, ANTI-CONFUSION AND CROSS-CONNECTION VERIFICATION, AND LINE PURGING WITH MEDICAL- GRADE NITROUS AS PER HTM 02-01 / ISO 7396-1 PROTOCOLS.</p> <p>ALL TESTS SHALL INCLUDE STRENGTH TESTING AT 1.5X WORKING PRESSURE, VACUUM RECOVERY RATE VERIFICATION, PRESSURE STABILITY MONITORING, AND FUNCTIONAL PERFORMANCE EVALUATION OF TERMINAL UNITS, VALVES, ALARMS, AND FITTINGS.</p> <p>PIPELINE IDENTIFICATION, CODING AND PROTECTIVE PAINTING SHALL BE EXECUTED IN ACCORDANCE WITH HTM COLOR STANDARDS FOR MEDICAL GAS DISTRIBUTION NETWORKS.</p> <p>FINAL CERTIFICATION, DOCUMENTATION, COMMISSIONING SIGN-OFF, AND SYSTEM HANDOVER SHALL BE COMPLETED BY QUALIFIED MEDICAL GAS ENGINEERS INCLUDING ALL REQUIRED TEST EQUIPMENT AND INSTRUMENTATION.</p>	1	JOB


7 Patient Lift 0

**Technical Specifications:**

<b>Elevator Type</b>	Passenger Motor Drive Elevator
<b>Application</b>	Hospital Building
<b>Shaft Structure</b>	Concrete Shaft
<b>Shaft Size</b>	3000mm x 1800mm Feet Clear approx. (d x w)
<b>Machine Room</b>	Directly above the shaft
<b>Mechanism</b>	Gearless Traction
<b>Travel Height</b>	45 Feet Approx.
<b>Elevator Capacity</b>	1600 Kg
<b>Floors/Doors/Stops</b>	2 Floors / 2 Doors / 2 Stops
<b>Elevator Machine</b>	11 KW Motor Drive

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<b>Control System</b>	VVV3F, Collective Selective, 380v AC, 24v DC Operation.
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<b>Cab &amp; Door Interior</b>	Cabin & Door Full support of Steel Center Opening
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**Component Specifications & Features:**

<b>Elevator Machine Details</b>	
Machine Type	Gearless Traction Machine
Power	11 KW
Speed	1.5 M/S
Operating Voltage	380/440v Ac 50 HZ
Certified by	ISO9001, 45000 CE,
Safety Standard	EN81-1 European Safety Standards ASME, 17.1 17.2
IP Code	IP81
<b>Car/Cabin Details</b>	
Cabin Dimensions	<b>1100MM x 2250MM x 2400MM (W X D X H)</b>
Cabin Walls Finish	Hairline Stainless Steel 304 ISO Certified
Ceiling	Stainless Steel
Lighting	Recessed LEDs
Flooring	Anti-Skid Stainless Steel Floor with Iron Foundation with Marble, Granite, Polly line floor finish
Voice Command	Yes
Looking Mirror	Yes
Emergency Call	Bell
Ventilation	Low Noise Axial-Flow Fan
Operating Panel (COP)	Stainless Steel Finish, imported Light and fan auto on/off Digital up & Down Floor Indication seven segment type
<b>Car and Landing Door Details</b>	
Door Type	Automatic
Door Finish	Steel 304 Frame with imported SS Finish with
Dimensions	Width x Height: 900x2100 CENTER TYPE
Door Safety	Yes
Landing Door Jamb	Narrow Door Jams.

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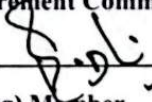
Landing Operating Panels (LOP)	Stainless Steel Finish Digital up & Down Floor Indication-seven segment type LED
<b>Control System Details</b>	
Control Type	VVVF (variable)
Control System	Fully Computerized Auto Controller
Drive	Integrated Controller System
Rescue	Yes
Control Volt	24V DC
Power Supply	24V DC
Control Box	M.S Steel Painted
Certification	All parts ISO certified
<b>Guide Rails Details</b>	
Make	ISO Certified
Car/Cabin:	16mm T Type Solid
Counter-weight Rails:	10mm T Type solid
<b>Counterweight Details</b>	
Frame:	M.S Channels & Angle (Anti Rust Painted)
Weight Blocks:	R.C.C/Stone/MS/Rubber
<b>Hoist way Accessories Details</b>	
Sensors	Magnet operated
Limit Safety	Limit switches
Cable	24/48/65 core (ISO Certified)
Wiring	Copper wire
Buffers	Hydraulic type
Steel Rope	Extra High Breaking Strength, As per machine's groove size design

**Safety Features, Standard Functions:**

- Electrically & Mechanically Locked Doors.
- Top & Bottom Limit Safety.
- Over Travel: Power cut off in case elevator exceed top & bottom floor.
- Speed Governor: Emergency brake activated in case cabin or counter weight exceeds rated speed.

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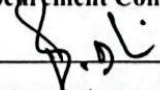



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- Inspection Operation
- Automatic Operation
- Brake checking protection
- Full load direct running
- Over load stopping beep notification
- Automatic lighting & Fan off when lift not in use.
- Floor display
- Doors interlock protection
- Limit protection
- Emergency lighting
- Elevator stops if normal driving speed exceeds.
- Over Load Device: Auto stop in case of more load than the rated load.
- All other standard control and protection functions, such as over current, over voltage, over load, under voltage, phase lack, short circuit etc.

Supplied with: Service & Operating Manual, All Standard Accessories.  
 Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
 Country of Origin: UK, USA, Europe, Japan or Equivalent

8	Electric Water Dispenser Technical Specifications: Cooling Capacity : 2 Cold Water Tank Capacity : 3 Hot Water Capacity : 4 Hot Water Tank Capacity : 1 Control System : Mechanic Refrigerator Compartment Voltage (V) : 220-240 Frequency (Hz) : 50 – 60 : Replacement of all parts for One year. Replacement Compressor warrant for 3 years Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local	0
9	Air Conditioner (Split Type 1.5 Ton) Technical Specifications:	1

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	<p>1. 5 Ton Wall Mounted Split Type Inverter with stabilizer 18000 BTU with:</p> <ul style="list-style-type: none"><li>• With T 3 Compressor working up to 52°C or better</li><li>• Stabilizer 5000 W 99.99% Copper or better</li><li>• Complete with Standard Installation Copper Kit, Power and Control Cable 10 ft.</li></ul> <p>Warranty: Replacement of all parts for five years. Replacement Compressor warrant for 10 years</p> <p>• Make: Haier, Dawlance, Gree, Daiken or Equivalent</p>	
0	<p>Air Conditioner (Split Type 1 Ton)</p> <p>Technical Specifications:</p> <p>1 Ton Wall Mounted Split Type Inverter with stabilizer 12000 BTU with:</p> <ul style="list-style-type: none"><li>• With T 3 Compressor working up to 52°C or better</li><li>• Stabilizer 5000 W 99.99% Copper or better</li><li>• Complete with Standard Installation Copper Kit, Power and Control Cable 10 ft.</li></ul> <p>Warranty: Replacement of all parts for five years. Replacement Compressor warrant for 10 years</p> <p>Certification: ISO/CE/FDA/JIS Any Two Make: Haier, Dawlance, Orient, Gree, LG, Daiken or Equivalent</p>	2
1	<p>Refrigerator (Domestic) No Frost</p> <p>Technical Specifications:</p> <p>Highly efficient and stable cooling. Allows precise temperature and mode adjustment Reduced humidity inhibits bacterial growth Voltage (V) 220 v 50 hz Freeze temp -18 C Ref 4 C warranty : Replacement of all parts for three years. Replacement Compressor warrant for 10 years</p> <p>Certification: ISO/CE/FDA/JIS Any Two Make: Dawlance, Haier orient or Equivalent</p>	0

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2	<p><b>Blood Donor Couch</b> Technical Specifications:</p> <ul style="list-style-type: none"><li>• Easy to use and maintain</li><li>• New design epoxy metal frame equipped with 3 motors adjustable head cushion Handset</li><li>• Trendelenburg position - 12° operated on the handset</li><li>• Manual foot rest adjustment</li><li>• Electric back rest adjustment</li><li>• Electric leg rest adjustment</li><li>• Steel frame structure with light grey epoxy finish</li><li>• Multi position arm rests</li><li>• Arm rest inclination adjustment</li><li>• Upholstery with 12 cm thickness foam with seams</li><li>• Individual locking system on the 4 castors of 10 cm diameter</li></ul> <p>Tested and approved patient weight capacity: 250 kg (tested at a dynamic weight of 250 kg and a static weight of 500 kg) or better Certification: ISO/CE/FDA/JIS Any Two Make: Imported/Local</p>	0
3	<p><b>Patient Lifter Trolley with weight Scale</b> Specification: The lift should be equipped with a four-point sling, 360° rotation of sling and should be lock in four position , Wheels allowing maneuvering even in small and narrows spaces, Rear wheels should be equipped with a brake, Remote control, Electric leg span adjustment, Emergency lowering mechnasim to increase patient safety. Should have built-in weighing scale</p>	0

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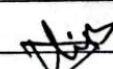
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	<p>Should have suspension lock blocking the rotation of the beam Base legs spreading : electrical Max. safe working load (SWL) 230 kg or better Length (cm): 130 Width (cm): 67 Height(cm): 135 Lifting range (cm): 68 – 196 or better Min. turning diameter (cm) : 144 or better Min. base legs width (int. /ext. ) (cm) : 52/67 or better Min. base legs width (int. /ext. ) (cm) : 103/118 or better Base legs height (cm) : 11. 5 Wheels diameter (without /with lock) (cm) : 12. 5 Battery capacity (Ah): 2. 9 Battery charger Adult sling 2 different size Peadss sling different size Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent.</p>	
4	<p>Showering trolley with panels Specification:</p> <p>Should be waterproof cathoporesis-painted steel construction Should have removable plastic shower mattress with drainage hole(3. 5 cm, closed with a plug) head cushion Slightly inclined recliner easier to drain water (level difference 1. 5 cm), Approximately 1. 1 m long drain hose (with mounting bracket) Electric height adjustment 4 large 12. 5 cm diameter caster wheels with brakes for easy maneuvering in any direction as well as fir easy driving of the cart in a straight line (direction locking), Swiveling 2 side rails and 2 front rails to facilitate patient transfer and patient protection during transport and</p>	0

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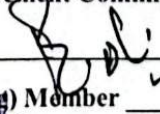



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	<p>nursing activities 4 bumpers, protecting the wheelchair during maneuvering and during transport, Design that also allows the use of a mobile lift to place the patient inside the shower mattress of the wheel chair if necessary, Should have battery operation Showering panel Total dimensions (Lx W) [cm]: 203 x 79 Mattress dimensions (Lx W) [cm]: 195 x 69 Height adjustment (min. /max) [cm]: 45, 5 - 91 Patient height [cm]: 140 - 190 Lifting capacity (SWL)[kg]: 200 or beer Height adjustment: electric Supplied with charger</p> <p>Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two) Country of Origin: UK, USA, Europe, Japan or equivalent</p>	
5	<p>Reclining High/ Low Bath and High/Low Shower Control Specification: Elegant, robust body made of high quality acrylic resin reinforced with polyester laminate and seated on 4 adjustable height supports with rubber protective caps. Four sides of the bath tub protected by shaped laminate covers Length: 235 cm, Height: 96 cm, Width: 100 cm or better Basin made of high quality acrylic Underwater massage jet hose Replaceable nozzle tips for the jet hose Pressure indicator (upto 4. 5 bar) Automatic hydro massage: 11 nozzles for automatic hydro massage (2 x 4 for side+3 for back) Hydro massage: 8 side direction jet nozzles +3 direction jet nozzles for back Massage intensity adjustment by supplying air to the nozzles Dry-run" pump protection system Electronic control panel Timer: 1-9 h: 59</p>	0 ea

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min Water level sensor  
Water supply system using copper and PVC pipes (except connectors and valves) Automatic disinfection system  
2 water temperature sensors  
Railings and feet supports helping to maintain proper body position during treatment Shower  
Aeration nozzles to air bubble massage with independent air pump  
Technical data:  
Treatment capacity (minimum): 250 liters  
Volume up to overflow : 550 liters  
Water jet pressure [bar]: 0-4. 5 Power consumption [A]: 10 Supply voltage [V/Hz]: 250/50  
Complete with Standard Accessories  
Bath tub hoist with height adjustment  
Used to lift, transfer and bath patient, allowing the care giver to transfer to the bath tub and back again.  
Vertical lifting/lowering via control panel or manual remote control  
Combination of lying/ sitting top positions to suit any needs Dimensions (as seat) (Lx W x H {mini/max}) [cm]: 97 x 76 x 124/184 Dimensions (as lying) (Lx W x H (mini/max. )) [cm]: 97 x 184 x 124/184  
Lying top size [cm]: 184 x 43  
Height adjustment (lying /seat top) (cm): 48-106 Castors diameter (brake/without brake)(cm): 12.5 Battery operated  
Battery charger  
Complete with standard accessories  
  
Certification: ISO-13485, CE, FDA (510 K), JIS (Any Two)  
Country of Origin: UK, USA, Europe, Japan or equivalent

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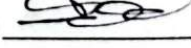
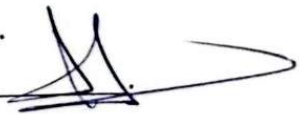



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**SECTION B FURNITURE AND FIXTURE FOR EMERGRNCY CUM RAPID RESPONSE CENTER**

S. No	Name of Item	Qty
01	Wooden/ Glass Counter Reception Specification: Size: 6 ft (L) x 2. 5 ft (D) x 3. 5 ft (H) (1830 x 760 x 1065 mm) or better. Material: MDF/Particle board 16–18 mm with glass top (8–10 mm) or better Front with decorative panels & frosted glass or better Includes storage cabinets & drawer with central locking Cable management holes Finish: Lamination + glass polis Make: Local Export Quality or Equivalent Certification: ISO	01
02	Counter Chair Specification: 2 Ft and 2. 5 Ft Long Soft Seat with Strong Back Support Make: Local Export Quality or Equivalent Certification: ISO	03
03	Nursing Station Specification: Size: 8 ft x 4 ft x 3 ft(2440 x 1220 x 915 mm) or better Material: 18 mm laminated board or better Multiple drawers, cabinets, writing area Cable management system Finish: Anti-bacterial laminate	08

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- D. MR. Mansoor Ali Soomro (Procurement Officer) Member 
- E. MR. Basit Ali Siyal / Danish Memon (Bio Medical Engineer) Member 

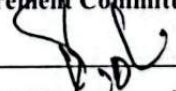


**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
**SEHWAN SHARIF**  
**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

	Make: Local Export Quality or Equivalent Certification: ISO	
04	Notice Board Specification: Size: 4 ft x 3 ft Soft board with fabric covering Aluminum frame Wall mounted Finish: Powder coated frame Make: Local Export Quality or Equivalent Certification: ISO	12
05	Office Table Medium Size Specification: Size: 4 ft x 2 ft x 2.5 ft (1220 x 610 x 760 mm) or better Material: 16-18 mm laminated board or better 2 drawers + CPU space Cable grommets Finish: Lamination Make: Local Export Quality or Equivalent Certification: ISO	20
06	Steel Almirah Specification: Size: 6 ft x 3 ft x 1.5 ft Material: 20 gauge MS sheet 4 shelves + locking system Finish: Powder coated Make: Local Export Quality or Equivalent Certification: ISO	12

**PREPARED/REVIEWED BY FOLLOWING MEMBERS OF TECHNICAL COMMITTEE**

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07	File Cabinet Specification: 4 drawer vertical cabinet Central locking system Material: Steel (22 gauge) Finish: Powder coated Make: Local Export Quality or Equivalent Certification: ISO	18
08	Revolving Chair Specification: Medium back Hydraulic height adjustment 360 rotation Rexene upholstery Nylon base with wheels Make: Local Export Quality or Equivalent Certification: ISO	27
09	Conference Table Specification: Size: 10 ft x 4 ft Material: MDF laminated Cable management box Finish: Lamination Make: Local Export Quality or Equivalent Certification: ISO	01
10	Office Chair Specification: Fixed visitor chair	40

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	Steel frame + padded seat Rexene upholstery Powder coated frame Make: Local Export Quality or Equivalent Certification: ISO	
11	Examination Couch Specification: Size: 6 ft x 2 ft x 2.5 ft Frame: MS pipe Foam: 2-3 inch (high density) Rexene cover Adjustable backrest Finish: Powder coated Make: Local Export Quality or Equivalent Certification: ISO	27
12	Bed Side Locker Specification: Size: 16" x 16" x 30" Material: Steel/wood Drawer + cabinet Wheels optional Finish: Powder coated / laminate Make: Local Export Quality or Equivalent Certification: ISO	91
13	Over Bed Table Specification: Adjustable height MS frame with laminated top	99

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	Wheels attached Size: 30" x 15" Finish: Powder coated Make: Local Export Quality or Equivalent Certification: ISO	
14	Foam Mattress with Rexene Cover Specification: Size: 72" x 30" x 4" Foam density: 32-40 Rexene waterproof cover Stitching sealed Make: Local Export Quality or Equivalent Certification: ISO	100
15	Pillow with Rexene Cover Specification: Standard hospital size Soft foam filling Waterproof Rexene cover Make: Local Export Quality or Equivalent Certification: ISO	100
16	Revolving Stool (SS) Specification: SS frame Height adjustable Round seat padded 5-leg base Make: Local Export Quality or Equivalent Certification: ISO	47

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17	Wheel Chair Specification: Foldable Chrome steel frame Rubber wheels Footrest & armrest Rexene seat Make: Local Export Quality or Equivalent Certification: ISO	21
18	Stretcher Trolley Specification: Size: 6.5 ft x 2 ft MS frame Foam mattress Side rails Wheels with brakes Finish: Powder coated Make: Local Export Quality or Equivalent Certification: ISO	23
19	Steel Chair (03 Seater) Specification: Frame: MS pipe 18 gauge Perforated seat Size: 6 ft approx. Finish: Powder coated Make: Local Export Quality or Equivalent Certification: ISO	30
20	Resuscitation Trolley with all Accessories	01


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	Specification: Mild steel trolley with drawers Oxygen cylinder holder IV pole, and basic accessories Make: Local Export Quality or Equivalent Certification: ISO	
21	Dressing Table Specification: Dressing Trolley Stainless Steel Two Shelves, two drawers 1 bowl, and 1 bucket Mobile on castor Make: Local Export Quality or Equivalent Certification: ISO	01
22	Dressing Drums Specification: Stainless steel dressing drum with lid and side clips Make: Local Export Quality or Equivalent Certification: ISO	20
23	Foot Step SS Specification: Stainless steel Make: Local Export Quality or Equivalent Certification: ISO	03
24	Mayo Stand SS Specification: Stainless steel mayo stand with adjustable height and tray.	02

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	Make: Local Export Quality or Equivalent Certification: ISO	
25	Instrument Trolley SS Small Specification: Stainless steel trolley with two shelves and wheel casters Make: Local Export Quality or Equivalent Certification: ISO	04
26	Kick Bucket SS Specification: Stainless steel kick bucket with wheel base. Make: Local Export Quality or Equivalent Certification: ISO	02
27	Drip Stand SS Specification: Stainless steel IV stand with hooks and wheel base Make: Local Export Quality or Equivalent Certification: ISO	02
28	Double Crank Fowler Bed Specification: Mild steel hospital bed with double crank system and side rails Make: Local Export Quality or Equivalent Certification: ISO	93
29	Folding Screen Specification: Three-fold hospital privacy screen with curtains and wheel casters Make: Local Export Quality or Equivalent Certification: ISO	86
30	Heavy Duty Stainless Steel Drip Stand (Mobile)	102

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	Specification: Heavy-duty stainless steel drip stand with five-leg wheel base Make: Local Export Quality or Equivalent Certification: ISO	
31	Showering Trolley with Panels Specification: Stainless steel shower trolley with side panels Make: Local Export Quality or Equivalent Certification: ISO	02
32	Reclining High/Low Bath Specification: Adjustable patient bathing trolley with reclining back support Make: Local Export Quality or Equivalent Certification: ISO	02
33	Hi/Low Shower Control Specification: Adjustable shower chair system with height control Make: Local Export Quality or Equivalent Certification: ISO	02

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**HUMAN RESOURCE INCLUDING DETAIL OF TECHNICAL TEAM (FORM A)**

S. #	Name	Designation	Posted Location	Date of Joining	Education	Trainings

Note: Supporting Documents must be provided for each employee.

CEO/Proprietor/Managing Director Name:

Email Address:

Cell Phone:

Director/General Manager Services Name:


Email Address:


Cell Phone:


Director/General Manager Sales Name:

Email Address:

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HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

Cell Phone:

Technical Focal Person for this Project Name:

Email Address: Cell Phone: Address:

**7- SPECIALIZED TESTING AND CALIBRATION TOOLS (FORM B)**

Supporting Documents must be provided for each specialized tool

S. #	Tool Description	Make	Model	Date of Purchase	Date of Last Calibration

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**8- MAJOR SPARE PARTS (FORM C)**

- Purchased documents must be provided,
- It may include Sensor, PCB, LCD display, Pumps, motors, detectors, Laser and other items recommended by manufacturer etc. , list of recommended spare parts must also be provided.
- Parts such as cables, connectors will not be considered major spare parts.
- Bidder using an inventory management software may provide a software generated list instead of the below format.

S. #	Part Number	Part Description	Make	Model	Date of Purchase	Qty

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**9- COMPLIANCE SHEET/ TECHNICAL EVALUATION SHEET (FORM D)**

Name the Vendor:  
Make/Manufacturer:  
Model: Year of introduction:  
Country of Origin:  
Country of Manufacturing:  
Country of Major parts sourcing:  
Useful life as per manufacturer (in Years):  
CE (MDD) link:  
FDA (US) Link:  
JIS/MHLW  
Link: ISO 13485  
Link:  
Pre-installation requirement.  
Electrical Connection:  
Grounding:  
Backup Supply:  
Water (RO/DI with flow):  
Drain:  
Any other Requirement:

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S. #	Tender Specification	Offered Specification	Page# of the supporting Document


Note: Supporting documents must be provided

10- Financial Evaluation Sheet (Form E)

Supporting Document		Yes/No
	Annual Turnover for the last 3 years Year (PKR)	
Year 2025		
Year 2024		
Year 2023		


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**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE  
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HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

Bank Statement	Year 2025 Year 2024 Year 2023	
Audited Accounts	Year 2025 Year 2024 Year 2023	
Bank Account Maintenance Certificate		

**11- MANUFACTURER'S  
AUTHORIZATION(FORM F)**

**[SEE CLAUSE 11. 1(A) OF THE INSTRUCTION TO BIDDERS]**

To:

Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif

WHEREAS [name of the Manufacturer] who are established and reputable Manufacturers of [name and/or description of the goods] having factories at [address of factory] do hereby authorize [name and address of Bidder/Agent] to submit a bid, and subsequently follow-up/ negotiate and sign the Contract with you against Invitation for Bids (IFB)/Tender Notice for the goods manufactured, by us, under the patent name of [name of the manufacturer] for performance of the contract.

**PREPARED/REVIEWED BY FOLLOWING MEMBERS OF TECHNICAL COMMITTEE**

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We hereby commit and assure our full guarantee and warranty / guarantee as per Clause 12 of the General Conditions of Contract for the goods offered for supply by the above mentioned firm against this Invitation for Bids.

[Signature for and on behalf of  
Manufacturer] Note:

This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

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Note: Attach the following supporting documents.

- Performance certificate (issued in last one year) on letterhead of bidder/Hospital
- Installation Report signed by Head of department and Biomedical Engineer
- Supply order/purchase order

PREPARED/REVIEWED BY FOLLOWING MEMBERS OF TECHNICAL COMMITTEE

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**13- PERFORMANCE CERTIFICATE (FORM H)**

[on bidder's letterhead]

This is to certify that the institute is satisfied by the performance of the firm and equipment as detailed below.

Purchase Order No: , dated

Make & Model No. :

Serial Number:

Quantity:

Name of the consignee:

The Firm has fulfilled his contractual obligation regarding the following services:

Satisfactory Installation, performance, and commissioning of equipment.

Furnishing detailed operation and maintenance manual for each equipment.

Training of the operators/users in operating the equipment to the satisfaction of the Institute.

Maintain uptime of %

Perform Preventative maintenance at Interval during warranty/contract period

Provide Spare part timely

Biomedical Engineering Department.

Name \_\_\_\_\_

Designation \_\_\_\_\_

Date \_\_\_\_\_

Signature with Stamp \_\_\_\_\_

Head of the Institute/Medical Director/Medical Superintendent

Name \_\_\_\_\_

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Designation \_\_\_\_\_

Date \_\_\_\_\_

Signature with Stamp \_\_\_\_\_

Representative of the firm

Name \_\_\_\_\_

Designation \_\_\_\_\_

Date \_\_\_\_\_

Signature with Stamp \_\_\_\_\_

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**14- BID LETTER FORM**

From:

(Registered name and address of the bidder) To:

Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif

Dear Sir /Madam,

Having examined the bidding document and amendment thereon we the undersigned, offer to provide services to the works including in conformity with the terms and conditions of the bidding document and amendments thereon, for the following project in response to your tender called dated

**Tender Title:** .....

We undertake to provide services/execute the above project or its part assigned to us in conformity with the said bidding documents for an estimated sum of Rs. (Rupees- )

**If our bid is accepted, we undertake to;**

- 1) Provide services/execute the work according to the times schedule specified in the bid document,
- 2) Obtain the performance guarantee of bank in accordance with bid requirements for the due performance of the contract, and
- 3) Agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.
- 4) We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.
- 5) Place: Bidder's signature
- 6) Date: and seal.

**15- CONTRACT AGREEMENT FORM**

THIS AGREEMENT made the..... Day of (year) Between the Procuring Agency (hereinafter "the ") of one part and..... (Name of Vendor) of..... (City and country of Vendor) (Hereinafter "the Supplier") of the other part:

**PREPARED/REVIEWED BY FOLLOWING MEMBERS OF TECHNICAL COMMITTEE**

- A. Dr. M. Moinuddin Siddiqui (Director SASIMS) Chairman of Procurement Committee \_\_\_\_\_
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**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE  
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HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

WHEREAS the is desirous that certain Supplies,  
as described in the bid document and briefly outlined below, should be provided by the Vendor.

**Date of tender call:**

Title of the project:

**Brief outline of the work:**

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS;

In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the bid document referred to.

The following documents shall be deemed to form and be read and construed as part of this Contract, viz. .

- 1) Bid document(s)
- 2) Pre-bid conference minutes if any,
- 3) Clarification on bid document issued if any,

4) **Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif of award notification.**

In case of conflict among documents mentioned above, the documents mentioned above in reverse order will prevail over other documents. In consideration of the payments to be made by the Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif (Tender Title. . . . .)

. . . . .) and to remedy defects therein in conformity, in all respects, with the provisions of the contract.

Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the contract price or such other sum as may become payable under the provisions of the contract at the time and in the manner prescribed by the contract.

Brief particulars of the services which shall be supplied/provided by the Supplier are as under:

Solutions, service or material	Quantity	Unit price	Amount	Remarks

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**SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE**  
**SEHWAN SHARIF**  
**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

IN WITNESS whereof the parties hereto have caused this Agreement to be executed the day and year above written.

Signed, sealed, delivered by the (for the Procuring agency) Signed, sealed, delivered by the (for the Supplier)

**PREPARED/REVIEWED BY FOLLOWING MEMBERS OF TECHNICAL COMMITTEE**

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16- FORM OF PERFORMANCE SECURITY  
(Bank Guarantee)

[Letter by the Guarantor to the Employer]

Guarantee No. : Executed on:

Expiry date:

Name of Guarantor (Bank) with complete address (Scheduled Bank in Pakistan):

Name of Principal (Contractor, Manufacturer, Supplier or any bidder) with complete address:

Penal Sum of Security (express in words and figures):

Letter of Acceptance No. Dated:

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the behest of the said Principal we, the Guarantor above named, are held and firmly bound unto the Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif (hereinafter called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that where as the Principal has accepted the Employer's above said Letter of Acceptance for \_\_\_\_\_ (Name of Contract) for the \_\_\_\_\_ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents- during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full

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B. MR. Babur Ali (Assistant Commissioner Sehwan) Member \_\_\_\_\_

C. MR. Altaf Hussain Rajpar (Deputy Director Health Department wing) Member \_\_\_\_\_

D. MR. Mansoor Ali Soomro (Procurement Officer) Member \_\_\_\_\_


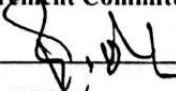



E. MR. Basit Ali Siyal / Danish Memon (Bio Medical Engineer) Member \_\_\_\_\_



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**SEHWAN SHARIF**  
**HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

force and virtue till all requirements of Condition of Contract are fulfilled. Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us

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within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand and any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Witness:

\_\_\_\_\_  
 Guarantor (Bank)

1. (Name, Title, Signature & Seal)

Signature: Name: \_\_\_\_\_

2.

(Name, Title, Signature & Seal) Title: \_\_\_\_\_

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**17- INTEGRITY PACT  
DECLARATION OF FEES,  
COMMISSION AND BROKERAGE TO BE PAID BY THE SUPPLIERS/  
CONTRACTORS/CONSULTANTS**

Contract Number: NO. Dated:  
Contract Value: Rs.  
Contract Title:

M/s. hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (Go S) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Go S) through any corrupt business practice.

Without limiting the generality of the foregoing, M/s. \_\_\_\_\_ represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as a consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit, in whatsoever form, Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif, except that which has been expressly declared pursuant hereto.

M/s. certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

M/s. \_\_\_\_\_ accepts full responsibility and strict liability for making any false \_\_\_\_\_ declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, \_\_\_\_\_ right, \_\_\_\_\_ interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA. Notwithstanding any rights and remedies exercised PA

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this regard M/s. \_\_\_\_\_ agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by M/s. \_\_\_\_\_ as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from PA.

**M/s.**  
Office of the Director  
Sayad Abdullah Shah  
Institute Sehwan Sharif

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**18- Bid Form & Price Schedule**

**BID FORM**

To:

Office of the Director Sayed Abdullah Shah Institute Sehwan Sharif

Dear Sir,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the goods specified in the said Bidding Documents for the sum of **[Total Bid Amount Rs. ], [Bid Amount in words \_\_\_\_\_ only]** or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

1. The free of cost/donation/ discount offered and the methodology for their application are:

2. We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedules specified in the Schedule of Requirements.
3. If our bid is accepted, we shall obtain an unconditional guarantee of a bank in the sum of 5% of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.
4. We agree to the validity of this bid for 90 days from the date fixed for financial bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Until a formal Contract is prepared and executed, together with the written acceptance thereof and notification of award, by the Procuring Agency, shall constitute a binding Contract between us.
6. We understand that you are not bound to accept the lowest or any bid you may receive.

Name

In the capacity of

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HEALTH DEPARTMENT, GOVERNMENT OF SINDH**

Signed

Duly authorized to sign the Bid for and on behalf of

Date

**(A) PRICE SCHEDULE IN PAKRUPEES delivered duty paid (DDP BASIS)**

FOR GOODS OFFERED WITHIN THE PROCURING AGENCY'S COUNTRY

S#	Detailed Specification of Goods	Model/ Cat No.	Name of Manufacturer	Country of Origin	Port of Shipment	Quantity of Stores	Unit	Rate Per Unit	Total Price
1	2	2	4	5	6	7	8	9	10
Total Amount in Pak Rs.									


Name


In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of Date


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19- Schedule of Requirements

**SCHEDULE OF REQUIREMENTS**

The entire quantity of the ordered supplies shall be delivered in 16 weeks or earlier from the date of issuance of supply order/contract award without any penalty. Delay in the delivery shall result in penalties to be paid by the Supplier without any argument or question according to the prevailing SPPR Rule.


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BR - EPAPER

MAY 10, 2026



## OFFICE OF THE DIRECTOR SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCE SEHWAN HEALTH DEPARTMENT GOVERNMENT OF SINDH



PHONE NO: 025 4620317/FAX NO: 025-4620833  
NO.Director.SASIMS.Sehwan/(File)- 2802/2805
Email: sasims2015sehwan@gmail.com  
DATED: 09/05/2026

### NOTICE INVITING TENDER (NIT) (2025-26, 2026-27)

The Director, Sayed Abdullah Shah Institute of Medical Sciences, Sehwan, hereby invites sealed bids from well-reputed manufacturers, authorised agents, importers, and suppliers sub distributors duly registered with Income Tax, General Sales Tax (GST), and Sindh Revenue Board (SRB). The procurement shall be conducted in accordance with Rule 46 (Single Stage - Two Envelope Procedure) of the Sindh Public Procurement Rules (SPPRA) Rules, 2010 (as amended up to 2025), for the Financial Year 2025-2026, 2026-2027. Bids are invited for the procurement of goods/services under the following categories:

Sr #	ADP#	Description	Date of Purchase /Issue	Date of Submission of Bid	Opening date & time of tender	Tender fee (Non-refundable)	Tender opening Address
1	942	Plant and Machinery/ Equipment/s/ Furniture Fixture/Transport Ambulance for Emergency Cum Rapid Response Center SASIMS Sehwan.	From the Date of publication	02-06-2026 up to 12- pm	02-06-2026 up to 12.30 pm	Rs 3,000/-	Committee Hall SASIMS Sehwan

**Note:**

- The tender documents shall be mandatory downloaded from the official website of PPRA Sindh (EPADS), and no manual issuance of bidding documents shall be entertained.
- The bid price shall be deemed to be inclusive of all applicable Government taxes, levies, duties and any other statutory obligations imposed by the Federal and Provincial Governments, and no separate claim in this regard shall be admissible.
- A non-refundable tender fee amounting to Rs.3,000/- (Rupees Three Thousand only) shall be submitted in the form of a Pay Order drawn in favor of the Director, Sayed Abdullah Shah Institute of Medical Sciences Sehwan, bearing FTN No. 9030986-8.
- The Bid Security shall be furnished at the rate of 2% (two percent) of the quoted items, as specified in the approved Procurement Plan, in the shape of a Pay Order or Demand Draft in favor of the Director, Sayed Abdullah Shah Institute of Medical Sciences Sehwan, bearing FTN No. 9030986-8.
- The successful bidder shall be obligated to submit Performance Security equivalent to 5% (five percent) of the total contract value of the awarded items, in the form of Call Deposit Receipt (CDR) duly pledged in favor of the Director, Sayed Abdullah Shah Institute of Medical Sciences Sehwan.
- The original Bid Security, duly sealed, shall be submitted to the Procurement Wing prior to the submission deadline of bids. Non-submission of the same shall render the bid liable to outright rejection and disqualification.
- All rates should be quoted under DDP basis.
- The bidder shall obtain official Tender Receipt from the Procurement Branch upon submission of the prescribed tender fee through Pay Order. The said receipt must invariably be attached with the Technical Proposal, failing which the bid shall be considered non-responsive and rejected.
- In the event of any ambiguity, discrepancy, or inconsistency between the contents of the Tender Notice and the detailed Tender Documents, the provisions contained in the Tender Documents shall prevail and be deemed binding.
- In case the bid opening date is declared a public holiday or any unforeseen or unavoidable circumstances arise, the bids shall be opened on the next working day at the same time and venue, without any further notice.
- The Director, Sayed Abdullah Shah Institute of Medical Sciences Sehwan reserves the absolute and unfettered right to increase or decrease the quantity of any item(s) specified in the schedule, at any stage, in accordance with SPPRA Rules, 2010 (as amended up to 2025), without assigning any reason thereof.

Sd/-  
**DIRECTOR SAYED ABDULLAH  
SHAH INSTITUTE OF MEDICAL SCIENCE SEHWAN**

**INF-KRY No.  
1795/2026**