



Phone #: 021 - 99230246

Fax #: 021 - 99230504

**OFFICE OF THE
DIRECTOR HEALTH SERVICES
KARACHI DIVISION.**

No: DHSK/(Acctts) /-3444/51

Dated : 27th March 2017

TENDER NOTICE

Sealed tender on prescribed proforma on Single Stage Two Envelopes are invited from the Manufacturer / importers/Sole Agents as per Sindh Public Procurement Rules 2010 the purchase of following Group for **ADP Schemes (on going) and "Up-Gradation of 03 MCH Centres (i) PIB Colony, (ii). Soldier Bazar & (iii) Patel Para Jehangir Road,-under the control of Director Health Services Karachi Division Karachi for the 2016-17.**

| Schem No | Name of Scheme |
|----------|--|
| 664 | Strengthening and improvement of Sindh Government Hospital Gadap City Karachi |
| 665 | Strengthening and improvement of Sindh Government Hospital Ibrahim Hyderi Karachi |
| 666 | Strengthening and improvement of Sindh Government Hospital Rehri Goth Karachi. |
| 667 | Strengthening and improvement of Sindh Government Hospital Dumba Goth Karachi |
| 668 | Strengthening and improvement of Sindh Government Hospital 2-A Corridor Landhi Kyc. |
| | "Up-Gradation of 03 MCH Centres (i) PIB Colony, (ii). Soldier Bazar & (iii) Patel Para Jehangir Road." |

| Sr No | Description of GroupsTender Cost in shape of Pay Order | Tender Cost in shape of Pay Order | Last date issuance of tender documents during office hours | Due Date & Time for Submission of bids in tender box | Due Date & Time for opening |
|-------|--|-----------------------------------|--|--|-----------------------------|
| 1 | Purchase of Machinery/ Equipments/ Instruments | Rs. 1000/- | 18-04-2017 | 19-04-2017 at 01:00 pm | 19-04-2017 at 02:00 pm |
| 2 | Purchase of Furniture/Fixture | Rs.500/- | -do- | -do- | -do- |
| 3 | Purchase of Bedding/Linen | Rs.500/- | -do- | -d- | -do- |

Tender proforma alongwith copy of terms and conditions can be obtained on the prescribed payment in the form of Pay order (Non Refundable) in the favour of Director Health Services Karachi as mentioned in the above scheduled from office of Director Health Services Karachi Division 6th Floor Civic Centre Karachi on any working day .

The bidding shall be "SingleStage-Two envelopes procedure Rule 46(2)":-

- (1) 1st Envelope should contain Technical proposal only (on the basis of group in a single Technical Bid) and be clearly marked "Technical Proposal".
- (2) 2nd Envelope should contain Financial Proposal (on the basis of group in a single financial bid) alongwith earnest money @ 2% of the total amount of the quoted rates in shape of Pay/Order Demand Draft in favour of Director Health Services Karachi Division (Refundable to unsuccessful bidders). The envelope be clearly marked as "Financial Proposal".

The Tender should be dropped in the tender box kept in the office of the Director Health Services Karachi Division 6th Floor Civic Centre Karachi before 01.00 PM on the above mentioned date and time.

The Tender Proposals of bids shall be opened at 02.00 PM on the same day in presence of bidders or their nominated representatives who wish to attend.

The samples of the quoted items should be submitted with the tender documents.

The **Financial Proposals** of the technically accepted bids recommended by the technical committee will be opened in the presence of bidders and their representative. Un-contested Financial Proposals of bids will be refunded to the bidders un-opened.

The Government notified black listed firms / suppliers shall not be entertained.

In case the tender is not opened on schedule dates due to any force de majeure than the same shall be opened on next working day as per SPP Rules 2010.

The procuring agency may reject all or any bid subject to the relevant provisions of SPP Rules 2010.


**DIRECTOR HEALTH SERVICES
KARACHI DIVISION KARACHI.**

Copy for information to:-

1. The Addl. Chief Secretary (Dev) P&D Deptt, Government of Sindh Karachi.
2. The Secretary to Government of Sindh Health Department Karachi.
3. The Director General Health Services Sindh at Hyderabad.
4. The Accountant General Sindh Karachi.
5. The Director Information Govt. Sindh, Health Deptt: Karachi. With the request to please publish NIT in Three leading Newspapers, English, Urdu and Sindhi as soon as possible.
6. The Project Director I/C Website Sindh Govt. Portal IT Department GOS with the request to host the tender on website of Government (Focal Person) Incharge (www.sindh.govt.pk) Email. pprasindh.govt.pk)
7. The DO Health Procurement.
8. The Accounts Officer, DHSK.


**DIRECTOR HEALTH SERVICES
KARACHI DIVISION KARACHI**



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OFFICE OF THE DIRECTOR HEALTH SERVICES, KARACHI DIVISION

Phone #: 021-99230246 Fax #: 021-99230504

No: DHSK/(Accts)/-3444/51

Dated: 27th March, 2017

TENDER NOTICE

Sealed tenders on prescribed proforma on Single Stage Two Envelopes are invited from the Manufacturers / Importers / Sole Agents as per Sindh Public Procurement Rules 2010 for the purchase of following Group for ADP Schemes (ongoing) and "Up-gradation of 03 MCH Centres (i) PIB Colony, (ii) Soldier Bazar & (iii) Patel Para Jehangir Road, under the control of Director Health Services, Karachi Division, Karachi for the year 2016-17:

| Scheme No. | Name of Scheme |
|------------|---|
| 664 | Strengthening and Improvement of Sindh Government Hospital Gadap City Karachi |
| 665 | Strengthening and Improvement of Sindh Government Hospital Ibrahim Hyderi Karachi |
| 666 | Strengthening and Improvement of Sindh Government Hospital Rehri Goth Karachi |
| 667 | Strengthening and Improvement of Sindh Government Hospital Dumba Goth Karachi |
| 668 | Strengthening and Improvement of Sindh Government Hospital 2-A Corridor Landhi Kyc. |
| | "Up-Gradation of 03 MCH Centres (i) PIB Colony, (ii) Soldier Bazar & (iii) Patel Para Jehangir Road." |

| Sr. No. | Description of Groups Tender Cost in shape of Pay Order | Tender Cost in shape of Pay Order | Last date of issuance of tender documents during office hours | Due Date & Time for submission of bids in Tender Box | Due Date & Time for Opening |
|---------|---|-----------------------------------|---|--|-----------------------------|
| 1 | Purchase of Machinery/Equipments/Instruments | Rs. 1000/- | 18-04-2017 | 19-04-2017 at 01:00 pm | 19-04-2017 at 02:00 pm |
| 2 | Purchase of Furniture/Fixture | Rs. 500/- | - do - | - do - | - do - |
| 3 | Purchase of Bedding/Linen | Rs. 500/- | - do - | - do - | - do - |

Tender proforma along with copy of terms and conditions can be obtained on prescribed payment in the form of Pay Order (Non-Refundable) in favour of Director Health Services Karachi as mentioned in the above schedule from office of Director Health Services Karachi Division, 6th Floor, Civic Centre, Karachi on any working day. The bidding shall be "Single Stage - Two Envelopes procedure Rule 46(2)".

- (1) 1st Envelope should contain Technical proposal only (on the basis of group in a single Technical Bid) and be clearly marked "Technical Proposal".
(2) 2nd Envelope should contain Financial Proposal (on the basis of group in a single Financial Bid) along with earnest money @ 2% of the total amount of the quoted rates in shape of Pay Order / Demand Draft in favour of Director Health Services Karachi Division (Refundable to unsuccessful bidders). The envelope be clearly marked as "Financial Proposal".

CLARIFICATION

The rates of items should be quoted along with earnest money of the local items group be sealed in an envelope and labeled as FINANCIAL PROPOSAL. Name of Group and name of the firm/company be written in bold letters on the envelope, otherwise they may not be entertained.

(b) Both envelopes (Technical and Financial) already sealed on individual basis should be sealed in a third envelope and to be dropped in tender box. The name of the bidder/firm be clearly marked on all envelopes.

The Tender should be dropped in the tender box kept in the office of the Director Health Services, Karachi Division, 6th Floor, Civic Centre, Karachi before 01:00 PM on the above mentioned date and time.

The Tender Proposals of bids shall be opened at 02:00 PM on the same day in presence of bidders or their nominated representatives who wish to attend.

The samples of the quoted items should be submitted with the tender documents.

The Financial Proposals of the technically accepted bids recommended by the Technical Committee will be opened in presence of bidders and their representatives. Uncontested Financial Proposals of bids will be refunded to the bidders unopened.

The Government notified blacklisted firms/suppliers shall not be entertained.

In case the tender is not opened on scheduled dates due to any force de majeure then the same shall be opened on next working day as per SPP Rules 2010.

The Procuring Agency may reject all or any bid subject to the relevant provisions of SPP Rules 2010.



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**OFFICE OF THE
DIRECTOR HEALTH SERVICES
KARACHI DIVISION KARACHI.**

DO No. DHSKDK/Gen/ 3666/74 Dated: 21.03.2017

OFFICE ORDER.

In pursuance of Notification No. HD(P&D)4-1(182)/2016-17 dated 21.03.2017 the undersigned is pleased to constitute a Technical Committee comprising of following co-opted members for scrutiny of technical proposals for tender purchase of Machinery / Equipment / instruments/furniture & fixture in respect of development schemes i.e 03 MCH 1) PIB Colony, 2).Soldier Bazar, 3). Patel Para Jehangir Road and 1) Sindh Government Hospital Gadap City, 2).Rehri , 3).Ibrahim Hyderi 4).Landhi A-2, 5). Dumba Goth under administrative control of the undersigned during current financial year 2016-17.

| | | |
|---|--|----------|
| 1 | Dr.Sikander Rafique Qureshi Assistant Prof: of HOD Radiology SBBMC Lyari | Member |
| 2 | Dr. Zafar Shah Ex-HOD Anesthesia Sindh Government Hospital Lyari | Member |
| 3 | Dr. Shahid Mustafa Pathologist Blood Transfusion Services, Lyari Karachi. | Member |
| 4 | Dr. Safia Begum Gynecologist Consultant Sindh Government Hospital Korangi Karachi. | Member |
| 5 | Mr. Ali Hassan Abro Deputy Director (P&D) DHS office Karachi. | Convener |

The committee should give expert opinion in the related field for Electro Medical Equipments/Machinery/Furniture to observe the transparency.

**Director Health Services
Karachi Division Karachi**

Copy to:

1. The Secretary to Government of Sindh Health Department, Karachi.
2. The Additional Secretary (Dev) Health Department GoS Karachi.
3. The Director General Health Services Sindh at Hyderabad.
4. The Director Development Health Department GoS Karachi.
5. The Accountant General Sindh Karachi.
6. The Managing Director SPPRA Government of Sindh, Karachi.
7. All Committee Members./ Convener


**Director Health Services
Karachi Division Karachi**



Phone #: 021 - 99230246

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OFFICE OF THE
DIRECTOR HEALTH SERVICES
KARACHI DIVISION KARACHI

No. DHSK(Acctt.)/- 36811

Dated: 31.03 2017

OFFICE ORDER.

In pursuance of SPPRA Rule 31, Mechanism for Redressal of Grievances, a Redressal Committee comprising of following Officers have been constituted to redress the complaints of bidders that may occur during the procurement electro-Medical-equipments and other items of ADP Scheme "Up-gradation of 03 MCH Centers, (1).PIB Colony, (2) Soldier Bazaar and (3). Patel Para Jehangir Road Karachi and (on-going Schemes Strengthening of SGH (1) Gadap City (2) Rehri (3) Dumba Goth (4) Landhi A-2 and (5) Ibrahim Hyderi Karachi". under administrative control of this office for the year 2016-17.

| | | |
|---|---|----------|
| 1 | District Health Officer West, Karachi. (BS-20) | Chairman |
| 2 | District Officer (H) Procurement Karachi. (BS-19) | Member |
| 3 | Representative of A.G. Sindh, Karachi. | Member |


DIRECTOR HEALTH SERVICES
KARACHI DIVISION KARACHI


Copy forwarded for information to:-

1. The Secretary Government of Sindh Health Department Karachi.
2. The Additional Secretary (Dev) Health Department GoS Karachi
3. The Director General Health Services Sindh Hyderabad.
4. The Accountant General Sindh Karachi with the request to please depute his representative for above purpose.
- ✓ 5. The Managing Director SPPRA Government of Sindh, Karachi.
6. The District Health Officer West, Karachi.
7. The District Officer Procurement Karachi.
8. The Local Accounts Section.

DIRECTOR HEALTH SERVICES
KARACHI DIVISION KARACHI

OFFICE OF THE DIRECTOR HEALTH SERVICES KARACHI DIVISION KARACHI
ANNUAL PROCUREMENT PLAN FOR PURCHASE OF MACHINERY/EQUIPMENTS/FURNITURE/FIXTURE & BEDDING/LINEN FOR
HEALTH INSTITUTIONS THROUGH ADP SCHEMES UNDER ADMINISTRATIVE CONTROL OF DIRECTORATE HEALTH KARACHI
FOR THE YEAR 2016-17

| Sr. No. | Name of Scheme | Description of Procurement | Quantity (where applicable) | Estimated Unit Cost (where applicable) | Estimated total cost (in millions) | Funds Allocated for 2016-17 | Source of Funds (ADP/ Non ADP) | Proposed Procurement Methods | Timing of Procurement | | | | Remarks |
|---------|---|--|--|--|------------------------------------|-----------------------------|--------------------------------|-------------------------------------|---|---|--|---|-------------------|
| | | | | | | | | | 1 st Qtr. From July-Sept. 2016 | 2 nd Qtr. From Oct-Dec. 2016 | 3 rd Qtr. From Jan-March 2017 | 4 th Qtr. From April-June 2017 | |
| 1 | Strengthening/Improvement of Sindh Government Hospital Gadap City | Machinery/Equipments / Furniture/Fixture & Bedding/Linen | Copy of approved PC-I is attached herewith | | | 27.144 (M) | Provin. ADP | Single Stage Two Envelope Procedure | | | | | Invite the tender |
| 2 | Strengthening/Improvement of Sindh Government Hospital Rehri | Machinery/Equipments / Furniture/Fixture & Bedding/Linen | Copy of approved PC-I is attached herewith | | | 29.898 (M) | Provin. ADP | Single Stage Two Envelope Procedure | | | | | Invite the tender |
| 3 | Strengthening/Improvement of Sindh Government Hospital Dumba Goth | Machinery/Equipments / Furniture/Fixture & Bedding/Linen | Copy of approved PC-I is attached herewith | | | 29,058 (M) | Provin. ADP | Single Stage Two Envelope Procedure | | | | | Invite the tender |
| 4 | Strengthening/Improvement of Sindh Government Hospital Landhi A-2. | Machinery/Equipments / Furniture/Fixture & Bedding/Linen | Copy of approved PC-I is attached herewith | | | 26.278 (M) | Provin. ADP | Single Stage Two Envelope Procedure | | | | | Invite the tender |
| 5 | Strengthening/Improvement of Sindh Government Hospital Ibrahim Hyderi Karachi | Machinery/Equipments / Furniture/Fixture & Bedding/Linen | Copy of approved PC-I is attached herewith | | | 69.514 (M) | Provin. ADP | Single Stage Two Envelope Procedure | | | | | Invite the tender |
| 6 | Up-gradation of 03 MCH centres PIB Colny, Soldier Bazar and Patel Para Jehangir Road Karachi. | Machinery/Equipments / Furniture/Fixture & Bedding/Linen | Copy of approved PC-I is attached herewith | | | 54.000 (M) | Provin. ADP | Single Stage Two Envelope Procedure | | | | | Invite the tender |


DIRECTOR HEALTH SERVICES
KARACHI DIVISION KARACHI

**ADP Scheme No. 664, 665, 666,667,668 & 1994 (2016-17),
Strengthening & Improvement of Sindh Government Hospital
Gadap City, Ibrahim Hydri, Rehri Goth, Dumba Goth, 2-A
Corridor Landhi, Upgradation of 3 Maternity Centers PIB Colony,
Soldier Bazar and Patel Para, Karachi**

TENDER FOR PURCHASE OF LINEN ITEMS

Offer shall remain open for 90 days from the date of opening. The Bidder shall quote their prices on D.D.P basis, inclusive of all duties/Taxes/Octroi/transportation etc, and all other expenses on free delivery to consignee's end. Price should be quoted in Figure & words failing which the offer will be ignored. Tenders are required to comply with all the clauses mentioned in the terms and conditions of the tender along with submission of all the relevant documents required .In case of any deviation/incomplete documents from tender will be prohibited for competing in the tender and their offer will be invalid.

TERMS & CONDITIONS:

1. Sealed bids are invited TWO Envelopes procedure as per SPPRA 2010 Rules (Amended-2013) 46(2) Single Stage – Two Envelope Procedure will be followed i.e. **TECHNICAL** and **FINANCIAL PROPOSAL** will be submitted in separate sealed envelopes.
2. Tender, which does not fulfill the prescribed condition in the tender is liable to be rejected.
3. Proof of payment of cost of tender shall be required at the time of opening of tender.
4. No tender will be entertained without earnest money in shape of Pay order/Demand draft/CDR. Copy of Pay order/ Demand draft must be attached with the technical bid (without amount). Conditional tender shall not be accepted.
5. The original pay order of the earnest money should be attached with the financial proposal.
6. The disclosure of firm's equipment price at the time of opening of technical proposal will result in to rejection of the bid.
7. The scrutiny of technical bids will be performed by the technical committee and financial bids of only technically qualified firms will be opened. On opening of financial bids of technically qualified bidders only the lowest in rates will be considered. The financial offers of technically un-qualified bidders will be returned.
8. Bids shall be submitted by only sole/exclusive agent of Manufacturer. Copy of valid agency certificate must be attached with the bid. Authorization certificate from the Manufacture for this

particular tender will not be considered. The bidder must have 2-3 year experience/business history with the Manufacturer from the date of signing exclusive agency agreement.

9. Sub distributor/Sublet or Authorization from local company will not be allowed.
10. Director Health Services reserves the right to verify or ask for authentication of the certificate from the sole agent from the concerned authorities i.e. embassy/counselors office attestation,
11. The bidder must have at least 4 – 5 well known references of quoted equipment supplied by the bidding firm in Govt./Semi Govt. and Private teaching hospitals.
12. The bidder must enclosed the list of biomedical engineers and technical persons working on their pay roll (full time basis) with the details of their academic qualification, photographs, mobile numbers and official e-mail ids etc. Bidder must provide the photographs of workshop facilities for back up support. The provided details can be physically verified by the technical committee of institution.
13. Firm must provide complete details of their financial standing, list of similar projects executed during last three years in Pakistan.
14. The bidder shall be required to submit pay order @ 2% as earnest money of the total quoted value in favor of Director Health Services, Karachi
15. The vendor will give one year warrantee with parts and consumables, if any , and further two years free service without spares. The warranty period will commence from the date of commissioning of the unit as per report of end user and technical person.
16. The equipment to be supplied should be accompanied with original copy of the operation, service/maintenance as schematic diagram and spare part list manual in the English language.
17. The tenderer has to quote only one rate for each item as per tender specifications. Over writing, cutting, erasing in the tender document will result in to cancellation of the bid.
18. The bids will be valid for 90 days from the date of the opening of the tender. However under exceptional circumstances and for reasons to be recoded in writing if any extension is considered necessary , all those who have submitted their bid shall be asked to extended their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.
19. The bidder shall submit with the bid an undertaking on judicial paper, stating that the equipment to be supplied is brand new and of latest generation free defects in design material and workmanship and will bind himself for availability of spare for a period of 10 years from the date of supply. In case of default depreciated cost of equipment will be recoverable from him. "If the vendor/supplier pack up/close his business original manufacturer will be bound to make alternate arrangement".

20. Equipment/instrument will be handed over to store keeper with a copy of delivery challan to Director Health Services – Karachi.
21. The equipment offered must be latest version/generation and an old model should not be quoted. The old model will not be considered, even if it fulfills tender specifications.
22. Manufacturer name and country of origin should be written against each item.
23. Price escalation will not be allowed.
24. The decision once taken will be final and will not be open to criticism or challengeable in any court of law.
25. The payment will be made after satisfactory joint inspection report by the competent authority and counter signed by Director Health Services.
26. Income tax and other taxes will be deducted according to the Govt. rules.
27. System will have a minimum uptime 95%.
28. The Director Health Services, reserve the rights to reject or accept any tender without assigning reason as per SPP Rule-2010 (Amended 2013) thereof the decision of the competent authority will be final.
29. The rates should be quoted on DDP basis.
30. Conditional tender will not be accepted.
31. An affidavit should be provided by supplier that the firm has not been black listed from any Govt./Autonomous organization.

32. Documents require:

The **Technical bid** submitted by the Bidder shall comprise the following documents in the same

Sequence:

- (a) Bid security (Photocopy of the earnest money without amount).
- (b) The original tender purchase receipt.
- (c) Tender terms and condition duly signed and stamped.
- (d) Original catalogue must accompany with offer.
- (e) At least 2-3 years business history details.
- (f) Copy of valid Professional Tax (Excise & Taxation) Certificate/Income Tax Certificate/GST Registration Certificate.

The **financial bid** submitted by the Bidder shall comprise the following documents:

- (a) The Bidder shall furnish earnest money @ 2% of the quoted value in the form of a pay order/call deposit.
- (b) Bid Form & Price Schedules duly signed and stamped by the Bidder.

Evaluation Criteria

Bids will be evaluated as follows:

Initial scrutiny of documents:

- i. Copy of Earnest money without amount.
- ii. Original tender purchase receipt.
- iii. Compliance of terms and conditions
- iv. Submission of required documents as required in point no. 32 of tender terms and conditions.

Technical Evaluation

- i. Only those bids will be evaluated technically that are qualified in initial scrutiny of documents.
- ii. Compliance of Technical specification.
- iii. Past performance of equipment and credibility of bidding firm.

Financial Evaluation

- i. Financial offers of only those bidders will be opened that are qualified in technical evaluation.
- ii. Original pay order for 2% of total bid amount in favor of Director Health Services-Karachi and on account of bidding/participating firm.
- iii. Quoted price in Pak. Rupees in words and figures.

Performance Security

The successful bidder will be required to sign contract agreement on a judicial stamp paper with 0.35% stamp duty and submit Performance Security Bond in shape of Pay Order / Bank Draft @ 2.5% of the total value of order in favor of Director Health Services – Karachi within Seven (7) days after receiving of the letter of advance acceptance.

Payment Term:

- 1) Bidder should supply the items at consignee end and submit bills along with delivery challan/inspection note for 100% payment.
- 2) All the (applicable) Government taxes will be deducted from the bills of the Contractors / Suppliers.

Certificate that all terms and condition mentioned in the tender are acceptable and we will abide them strictly.

Signature _____

Address & Stamp _____

Fax No. _____

Amount of 2% Earnest Money _____

Name of Bank with full address _____

Pay order/CDR No. _____

Full Name & Address of Firm _____

CNIC # of authorized person _____

Signature of Authorized person _____

| Sr. No. | Name of Equipment | Qty | Unit Price in Pak Rupees | Total Price in Pak Rupees |
|---------|--|-----|--------------------------|---------------------------|
| 1 | Labatory table with Galvanized iron steel top Sikle with water connecting Top drawers and cupboard. Imported. | 1 | | |
| 2 | A/C split Type 1 ½ tons with DC inventor Complete with fitting and installation Dawlance/ Haier /LG etc | 19 | | |
| 3 | Hydraulic chair Imported. | 1 | | |
| 4 | Table. Best Quality | 1 | | |
| 5 | Couches for Blood Donor. Export quality | 8 | | |
| 6 | Fowler Bed & Sides Railing with powder coated with Over bed Table Main Frame made by 1 ¼ x 2 ½ x 16 gauge upper frame 1 ¼ x 1 ¼ x 16 legs made by 2 x 2 x 16 gauge M.S pipe with 5" imported wheels chainers made by 18 gauge sheets and finished by powder coating Best Quality | 63 | | |
| 7 | Single crank bed with over bed Table Main Frame made by 1 ¼ x 2 ½ x 16 gauge upper frame 1 ¼ x 1 ¼ x 16 legs made by 2 x 2 x 16 gauge M.S pipe with 5" imported wheels chainers made by 18 gauge sheets and finished by powder coating Best Quality | 63 | | |
| | | | | |

| | | | | | |
|----|---|---------|--|--|--|
| 8 | <p>Bed Side Lockers (Iron base with Formica tops) Main Frame made by 1 ¼ x 2 ½ x 16 gauge upper frame 1 ¼ x 1 ¼ x 16 legs made by 2 x 2 x 16 gauge M.S pipe with 5" imported wheels chainers made by 18 gauge sheets and finished by powder coating. Best Quality</p> | 73 | | | |
| 9 | <p>Examination Couches s/s Cushioned) Best Quality</p> | 15 | | | |
| 10 | <p>Office Table Poliaster/Leather Top Size 5'x30"x30" and side table. Size 18'x30'x27'. Executive Table 3'x6'x30" With Side Table. Best Quality</p> | 13 2 | | | |
| 11 | <p>Office Chairs Poliaster/Wooden with Cushion. Best Quality</p> | 58 | | | |
| 12 | <p>Revolving Chair Made with talhi wood seat & back netted with sprit Polish. Best Quality</p> | 9 | | | |
| 13 | <p>Fiber Chairs Best Quality</p> | 163 | | | |
| 14 | <p>Drip Stand Stainless steel, local Best Quality</p> | 83 | | | |
| 15 | <p>Wheel Chairs Best Quality</p> | 24 | | | |

| | | | | | |
|----|---|----|--|--|--|
| | | | | | |
| 16 | Medicine Trolley With enameled sheet steel structure and temperate glass. Best Quality | 11 | | | |
| 17 | Ward Screen 3 fold made of tubular steel with curtain Best Quality | 32 | | | |
| 18 | Medicine Rack With enameled sheet steel structure and tempered glass. Rack-mounted adjustable glass shelves./ Doors Best Quality | 16 | | | |
| 19 | Foot step Stainless steel, Best Quality | 53 | | | |
| 20 | Attendant Bench Sheasham Wood 18" x 5' with cushion Best Quality | 53 | | | |
| 21 | ICU Beds Main Frame steel tubular pipe & mesh top of four section Best Quality | 4 | | | |
| 22 | Beds side lockers cabinet, cabinet type with S/S Top. Best Quality | 4 | | | |
| 23 | Kick buckets for waste S/S Best Quality | 4 | | | |
| 24 | Surgical trolley (SS) with option of Defibrillators, monitor&. Oxygen Cylinder fixation plates. Best Quality | 4 | | | |
| 25 | Instrument trolley | 4 | | | |

| | | | | | |
|----|--|---|--|--|--|
| | Best Quality | | | | |
| 26 | File Cabinets with four drawers 20 gauge steel Made of 20 gauge steel plate. 6 x 3 x 1.5feet (Iron steel with three shelves gauge 20) Best Quality | 4 | | | |
| 27 | Steel AlmiraH Made of 20 gauge steel plate 6 x 3 x 1.5feet (Iron steel with three shelves gauge 20) Best Quality | 1 | | | |
| 28 | Instrument cabinet with Glass Door 6' x 3' x 1.5" Local Best Quality | 4 | | | |


 Director Health Services
 Karachi Division
 Karachi

**ADP Scheme No. 664, 665, 666,667,668 & 1994 (2016-17),
Strengthening & Improvement of Sindh Government Hospital
Gadap City, Ibrahim Hydri, Rehri Goth, Dumba Goth, 2-A
Corridor Landhi, Upgradation of 3 Maternity Centers PIB Colony,
Soldier Bazar and Patel Para, Karachi**

TENDER FOR PURCHASE OF LINEN ITEMS

Offer shall remain open for 90 days from the date of opening. The Bidder shall quote their prices on D.D.P basis, inclusive of all duties/Taxes/Octroi/transportation etc, and all other expenses on free delivery to consignee's end. Price should be quoted in Figure & words failing which the offer will be ignored. Tenders are required to comply with all the clauses mentioned in the terms and conditions of the tender along with submission of all the relevant documents required .In case of any deviation/incomplete documents from tender will be prohibited for competing in the tender and their offer will be invalid.

TERMS & CONDITIONS:

1. Sealed bids are invited TWO Envelopes procedure as per SPPRA 2010 Rules (Amended-2013) 46(2) Single Stage – Two Envelope Procedure will be followed i.e. **TECHNICAL** and **FINANCIAL PROPOSAL** will be submitted in separate sealed envelopes.
2. Tender, which does not fulfill the prescribed condition in the tender is liable to be rejected.
3. Proof of payment of cost of tender shall be required at the time of opening of tender.
4. No tender will be entertained without earnest money in shape of Pay order/Demand draft/CDR. Copy of Pay order/ Demand draft must be attached with the technical bid (without amount). Conditional tender shall not be accepted.
5. The original pay order of the earnest money should be attached with the financial proposal.
6. The disclosure of firm's equipment price at the time of opening of technical proposal will result in to rejection of the bid.
7. The scrutiny of technical bids will be performed by the technical committee and financial bids of only technically qualified firms will be opened. On opening of financial bids of technically qualified bidders only the lowest in rates will be considered. The financial offers of technically un-qualified bidders will be returned.
8. Bids shall be submitted by only sole/exclusive agent of Manufacturer. Copy of valid agency certificate must be attached with the bid. Authorization certificate from the Manufacture for this

particular tender will not be considered. The bidder must have 2-3 year experience/business history with the Manufacturer from the date of signing exclusive agency agreement.

9. Sub distributor/Sublet or Authorization from local company will not be allowed.
10. Director Health Services reserves the right to verify or ask for authentication of the certificate from the sole agent from the concerned authorities i.e. embassy/counselors office attestation,
11. The bidder must have at least 4 – 5 well known references of quoted equipment supplied by the bidding firm in Govt./Semi Govt. and Private teaching hospitals.
12. The bidder must enclosed the list of biomedical engineers and technical persons working on their pay roll (full time basis) with the details of their academic qualification, photographs, mobile numbers and official e-mail ids etc. Bidder must provide the photographs of workshop facilities for back up support. The provided details can be physically verified by the technical committee of institution.
13. Firm must provide complete details of their financial standing, list of similar projects executed during last three years in Pakistan.
14. The bidder shall be required to submit pay order @ 2% as earnest money of the total quoted value in favor of Director Health Services, Karachi
15. The vendor will give one year warrantee with parts and consumables, if any , and further two years free service without spares. The warranty period will commence from the date of commissioning of the unit as per report of end user and technical person.
16. The equipment to be supplied should be accompanied with original copy of the operation, service/maintenance as schematic diagram and spare part list manual in the English language.
17. The tenderer has to quote only one rate for each item as per tender specifications. Over writing, cutting, erasing in the tender document will result in to cancellation of the bid.
18. The bids will be valid for 90 days from the date of the opening of the tender. However under exceptional circumstances and for reasons to be recoded in writing if any extension is considered necessary , all those who have submitted their bid shall be asked to extended their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.
19. The bidder shall submit with the bid an undertaking on judicial paper, stating that the equipment to be supplied is brand new and of latest generation free defects in design material and workmanship and will bind himself for availability of spare for a period of 10 years from the date of supply. In case of default depreciated cost of equipment will be recoverable from him. "If the vendor/supplier pack up/close his business original manufacturer will be bound to make alternate arrangement".

20. Equipment/instrument will be handed over to store keeper with a copy of delivery challan to Director Health Services – Karachi.
21. The equipment offered must be latest version/generation and an old model should not be quoted. The old model will not be considered, even if it fulfills tender specifications.
22. Manufacturer name and country of origin should be written against each item.
23. Price escalation will not be allowed.
24. The decision once taken will be final and will not be open to criticism or challengeable in any court of law.
25. The payment will be made after satisfactory joint inspection report by the competent authority and counter signed by Director Health Services.
26. Income tax and other taxes will be deducted according to the Govt. rules.
27. System will have a minimum uptime 95%.
28. The Director Health Services, reserve the rights to reject or accept any tender without assigning reason as per SPP Rule-2010 (Amended 2013) thereof the decision of the competent authority will be final.
29. The rates should be quoted on DDP basis.
30. Conditional tender will not be accepted.
31. An affidavit should be provided by supplier that the firm has not been black listed from any Govt./Autonomous organization.

32. Documents require:

The **Technical bid** submitted by the Bidder shall comprise the following documents in the same

Sequence:

- (a) Bid security (Photocopy of the earnest money without amount).
- (b) The original tender purchase receipt.
- (c) Tender terms and condition duly signed and stamped.
- (d) Original catalogue must accompany with offer.
- (e) At least 2-3 years business history details.
- (f) Copy of valid Professional Tax (Excise & Taxation) Certificate/Income Tax Certificate/GST Registration Certificate.

The **financial bid** submitted by the Bidder shall comprise the following documents:

- (a) The Bidder shall furnish earnest money @ 2% of the quoted value in the form of a pay order/call deposit.
- (b) Bid Form & Price Schedules duly signed and stamped by the Bidder.

Evaluation Criteria

Bids will be evaluated as follows:

Initial scrutiny of documents:

- i. Copy of Earnest money without amount.
- ii. Original tender purchase receipt.
- iii. Compliance of terms and conditions
- iv. Submission of required documents as required in point no. 32 of tender terms and conditions.

Technical Evaluation

- i. Only those bids will be evaluated technically that are qualified in initial scrutiny of documents.
- ii. Compliance of Technical specification.
- iii. Past performance of equipment and credibility of bidding firm.

Financial Evaluation

- i. Financial offers of only those bidders will be opened that are qualified in technical evaluation.
- ii. Original pay order for 2% of total bid amount in favor of Director Health Services-Karachi and on account of bidding/participating firm.
- iii. Quoted price in Pak. Rupees in words and figures.

Performance Security

The successful bidder will be required to sign contract agreement on a judicial stamp paper with 0.35% stamp duty and submit Performance Security Bond in shape of Pay Order / Bank Draft @ 2.5% of the total value of order in favor of Director Health Services – Karachi within Seven (7) days after receiving of the letter of advance acceptance.

Payment Term:

- 1) Bidder should supply the items at consignee end and submit bills along with delivery challan/inspection note for 100% payment.
- 2) All the (applicable) Government taxes will be deducted from the bills of the Contractors / Suppliers.

Certificate that all terms and condition mentioned in the tender are acceptable and we will abide them strictly.

Signature _____

Address & Stamp _____

Fax No. _____

Amount of 2% Earnest Money _____

Name of Bank with full address _____

Pay order/CDR No. _____

Full Name & Address of Firm _____

CNIC # of authorized person _____

Signature of Authorized person _____

| Sr. No. | Name of Equipment | Qty | Unit Price in Pak Rupees | Total Price in Pak Rupees |
|---------|---|-----|--------------------------|---------------------------|
| 1 | BEDDING / LINEN | 150 | | |
| 2 | Pillow 24" x 12" Local Good quality | 150 | | |
| 3 | Hospital Blankets Red (Wollen) Local Good quality | 300 | | |
| 4 | Pillow Covers 24" x 12" Local Good quality | 150 | | |
| 5 | Draw Sheets 72' x 40" Local Good quality | 60 | | |
| 6 | Operation Gown Local Good quality | 150 | | |
| 7 | Mattresses with ragzin cover Local, Moltifoam Good quality | 73 | | |


 Director Health Services
 Karachi Division
 Karachi

**ADP Scheme No. 664, 665, 666,667,668 & 1994 (2016-17),
Strengthening & Improvement of Sindh Government Hospital
Gadap City, Ibrahim Hydri, Rehri Goth, Dumba Goth, 2-A
Corridor Landhi, Upgradation of 3 Maternity Centers PIB Colony,
Soldier Bazar and Patel Para, Karachi**

**TENDER FOR PURCHASE OF MACHINERY EQUIPMENT, INSTRUMENT,,
MISC. ITEMS**

Offer shall remain open for 90 days from the date of opening. The Bidder shall quote their prices on D.D.P basis, inclusive of all duties/Taxes/Octroi/transportation etc, and all other expenses on free delivery to consignee's end. Price should be quoted in Figure & words failing which the offer will be ignored. Tenders are required to comply with all the clauses mentioned in the terms and conditions of the tender along with submission of all the relevant documents required .In case of any deviation/incomplete documents from tendr will be prohibited for competing in the tender and their offer will be invalid.

TERMS & CONDITIONS:

1. Sealed bids are invited TWO Envelopes procedure as per SPPRA 2010 Rules (Amended-2013) 46(2) Single Stage – Two Envelope Procedure will be followed i.e. **TECHNICAL** and **FINANCIAL PROPOSAL** will be submitted in separate sealed envelopes.
2. Tender, which does not fulfill the prescribed condition in the tender is liable to be rejected.
3. Proof of payment of cost of tender shall be required at the time of opening of tender.
4. No tender will be entertained without earnest money in shape of Pay order/Demand draft/CDR. Copy of Pay order/ Demand draft must be attached with the technical bid (without amount). Conditional tender shall not be accepted.
5. The original pay order of the earnest money should be attached with the financial proposal.
6. The disclosure of firm's equipment price at the time of opening of technical proposal will result in to rejection of the bid.
7. The scrutiny of technical bids will be performed by the technical committee and financial bids of only technically qualified firms will be opened. On opening of financial bids of technically qualified bidders only the lowest in rates will be considered. The financial offers of technically un-qualified bidders will be returned.
8. Bids shall be submitted by only sole/exclusive agent of Manufacturer. Copy of valid agency certificate must be attached with the bid. Authorization certificate from the Manufacture for this particular tender will not be considered. The bidder must have 2-3 year experience/business history with the Manufacturer from the date of signing exclusive agency agreement.

9. Sub distributor/Sublet or Authorization from local company will not be allowed.
10. Director Health Services reserves the right to verify or ask for authentication of the certificate from the sole agent from the concerned authorities i.e. embassy/counselors office attestation,
11. The bidder must have at least 4 – 5 well known references of quoted equipment supplied by the bidding firm in Govt./Semi Govt. and Private teaching hospitals.
12. The bidder must enclosed the list of biomedical engineers and technical persons working on their pay roll (full time basis) with the details of their academic qualification, photographs, mobile numbers and official e-mail ids etc. Bidder must provide the photographs of workshop facilities for back up support. The provided details can be physically verified by the technical committee of institution.
13. Firm must provide complete details of their financial standing, list of similar projects executed during last three years in Pakistan.
14. The bidder shall be required to submit pay order @ 2% as earnest money of the total quoted value in favor of Director Health Services, Karachi
15. The vendor will give one year warrantee with parts and consumables, if any , and further two years free service without spares. The warranty period will commence from the date of commissioning of the unit as per report of end user and technical person.
16. The equipment to be supplied should be accompanied with original copy of the operation, service/maintenance as schematic diagram and spare part list manual in the English language.
17. The tenderer has to quote only one rate for each item as per tender specifications. Over writing, cutting, erasing in the tender document will result in to cancellation of the bid.
18. The bids will be valid for 90 days from the date of the opening of the tender. However under exceptional circumstances and for reasons to be recoded in writing if any extension is considered necessary , all those who have submitted their bid shall be asked to extended their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.
19. The bidder shall submit with the bid an undertaking on judicial paper, stating that the equipment to be supplied is brand new and of latest generation free defects in design material and workmanship and will bind himself for availability of spare for a period of 10 years from the date of supply. In case of default depreciated cost of equipment will be recoverable from him. "If the vendor/supplier pack up/close his business original manufacturer will be bound to make alternate arrangement".
20. Equipment/instrument will be handed over to store keeper with a copy of delivery challan to Director Health Services – Karachi.

21. The equipment offered must be latest version/generation and an old model should not be quoted. The old model will not be considered, even if it fulfills tender specifications.
22. Manufacturer name and country of origin should be written against each item.
23. Price escalation will not be allowed.
24. The decision once taken will be final and will not be open to criticism or challengeable in any court of law.
25. The payment will be made after satisfactory joint inspection report by the competent authority and counter signed by Director Health Services.
26. Income tax and other taxes will be deducted according to the Govt. rules.
27. System will have a minimum uptime 95%.
28. The Director Health Services, reserve the rights to reject or accept any tender without assigning reason as per SPP Rule-2010 (Amended 2013) thereof the decision of the competent authority will be final.
29. The rates should be quoted on DDP basis.
30. Conditional tender will not be accepted.
31. An affidavit should be provided by supplier that the firm has not been black listed from any Govt./Autonomous organization.
32. **Documents require:**

The **Technical bid** submitted by the Bidder shall comprise the following documents in the same

Sequence:

- (a) Bid security (Photocopy of the earnest money without amount).
- (b) The original tender purchase receipt.
- (c) Tender terms and condition duly signed and stamped.
- (d) Detail technical quotation / data sheet having description of the essential technical and performance characteristics of the offered equipment with model and manufacture name and country of origin.
- (e) Original catalogue must accompany with offer and the equipment should comply/certified at CE/FDA approved.
- (f) Sole agent/distributor certificate valid for 2 years from the date of issue.
- (g) At least 2-3 years business history details with the Manufacturer.
- (h) Documentary proof of past import from Manufacturer.
- (i) Copy of valid Professional Tax (Excise & Taxation) Certificate/Income Tax Certificate/GST Registration Certificate.
- (j) Copy of Chamber of Commerce registration certificate.
- (k) For X-Ray Machine, copy of valid PNRA certificate must be attached.
- (l) List of their similar supplied equipment in Sindh and all over Pakistan of the quoted items. It is mandatory to have the quoted equipment installed and fully functional for at

least 2 years, by the bidder. Satisfactory report from the user must be enclosed be attached with the technical offer.

- (m) Proof for the availability of workshop & trained engineers + qualified persons for the machines at Sindh for after sale service.

The **financial bid** submitted by the Bidder shall comprise the following documents:

- (a) The Bidder shall furnish earnest money @ 2% of the quoted value in the form of a pay order/call deposit.
(b) Bid Form & Price Schedules duly signed and stamped by the Bidder.

Evaluation Criteria

Bids will be evaluated as follows:

Initial scrutiny of documents:

- i. Copy of Earnest money without amount.
- ii. Original tender purchase receipt.
- iii. Compliance of terms and conditions
- iv. Submission of required documents as required in point no. 32 of tender terms and conditions.

Technical Evaluation

- i. Only those bids will be evaluated technically that are qualified in initial scrutiny of documents.
- ii. Compliance of Technical specification.
- iii. Country of origin.
- iv. Past performance of equipment and credibility of bidding firm.

Financial Evaluation

- i. Financial offers of only those bidders will be opened that are qualified in technical evaluation.
- ii. Original pay order for 2% of total bid amount in favor of Director Health Services-Karachi and on account of bidding/participating firm.
- iii. Quoted price in Pak. Rupees in words and figures.

Performance Security

The successful bidder will be required to sign contract agreement on a judicial stamp paper with 0.35% stamp duty and submit Performance Security Bond in shape of Pay Order / Bank Draft @ 2.5% of the total value of order in favor of Director Health Services – Karachi within Seven (7) days after receiving of the letter of advance acceptance.

Payment Term:

- 1) Bidder should supply the items at consignee end and submit bills along with delivery challan/inspection note for 100% payment.
- 2) All the (applicable) Government taxes will be deducted from the bills of the Contractors / Suppliers.

Certificate that all terms and condition mentioned in the tender are acceptable and we will abide them strictly.

Signature _____

Address & Stamp _____

Fax No. _____

Amount of 2% Earnest Money _____

Name of Bank with full address _____

Pay order/CDR No. _____

Full Name & Address of Firm _____

CNIC # of authorized person _____

Signature of Authorized person _____

ADP Scheme No. 668 (2016-17),

Strengthening & Improvement of Sindh Government Hospital 2-A
Corridor Landhi , Karachi

TENDER FOR PURCHASE OF MACHINERY EQUIPMENT, INSTRUMENT,,
MISC. ITEMS

| Sr. No. | Name of Equipment | Qty | Unit Price in Pak Rupees | Total Price in Pak Rupees |
|---------|---|-----|--------------------------|---------------------------|
| 1 | Microscope Slide type Binocular head with 45° inclined and 360° rotation. Wide-field eyepiece 18 and 13mm paired. Quadruple nose piece with built in click stopper . DIN achromatic objectives. Built-in mechanical stage 140mm x 140mm, moving range 50mm x 75mm, with specimen holder controlled by coaxial knobs at low position. Focusable condenser and diaphragm iris m filters and fileter holder. Built-in electrical illuminator with halogen bulb. Coaxial focusing system with built in tension adjustment and focus stopper. FDA/CE/JIS Marked USA/UK/EEC | 6 | | |
| 2 | Refrigerator 12 CFT Operating Temperature: from +2 to +14 Nominal volume 360L. Shelves: 4. Glass Door: 1. Regulation & Control system: External thermostat for the temperature. FDA/CE/JIS Marked Power supply: 208 - 230V /50Hz USA/UK/Europe | 11 | | |
| 3 | Stabilizer 7500 watts Imported | 1 | | |
| 4 | Glass ware of lab with accessories Imported | 4 | | |
| 5 | ESR Stand for 16 tubes Imported | 38 | | |
| 6 | Test tube Imported | 132 | | |
| 7 | Test tube different size | 500 | | |

| | | | | |
|----|--|--|----|--|
| | Imported | | | |
| 8 | Blass slide Imported | | 1 | |
| 9 | Loorce slips Imported | | 16 | |
| 10 | Pippets Imported | | 18 | |
| 11 | Tripplets Imported | | 7 | |
| 12 | Glass stove Imported | | 7 | |
| 13 | Timer stop watch Imported | | 7 | |
| 14 | Hemoglobin meter Measurement range: 6-18g/dL Precision: 1g/dL (standard deviation) Resolution: 0.1 d/dL Pulse Rate (PR): Range: 30-240 bPm Accuracy: 3bPm Mode of operation Spot checking Data management Data logger with real time and date. The measured Hb values are automatically stored. Multilingual data interface. Sensor emitted light LED LED wavelength range: 600-940 nm Average radiated power: s1 mw FDA/CE/JIS Marked USA/UK/EEC / JAPAN | | 4 | |
| 15 | Anesthesia machine with ventilator Large integrated TFT touch Display, at least 10" or more. Various monitoring wave form and parameters in different colors VCV, PCV, SIMV, Spontaneous, PSV modes 2 Station Selectateckbackbar with integrated pressure relief valve Integrated CO2 absorption system, 1.5 liter or more. Integrated oxygen monitor 6 tube of flow meters for three gas Flow meter : O2: 0-1L/min, 1-10L/min N2O: 0-1L/min, 1-10L/min Air: 0-1L/min, 1-10L/min Gas System : O2 deficiency alarm Common gas outlet with Oxygen flush hook Breathing Circuit hook Three drawers unit Writing tablet Working mode: closed, semi-closed, semi open Four cylinder yokes plus pipeline Electronic ventilator Driven mode: electrically controlled | | 9 | |

| | | | | |
|----|---|--|----|--|
| | <p>Ventilator for adult and pediatric Model: VCV, PCV, SIMV, Spontaneous, PSV modes Tidal volume: 20-1500ml Ventilator frequency : 4-60bpm I:E ratio : 1:05 to 1:6 Electronic PEEP: 5-20cmH2O Battery back 2 hours Electronic alarms: Automatic and user setable Alarms: Mains failure, low battery, low pressure, low volume, apnea etc. Vaporizer: Halothane OR Enflurane OR Isoflurane OR Sevoflurane With integrated ETCO2 and Anesthesia Gas monitoring Or equivalent FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | | |
| 16 | <p>Suction machine mobile heavy duty Noise less suction machine with a noise level of not more than 47db for smooth and calm operation. Should have 4 extra strong wheels (1 of them antistatic and 2 of them with brakes) Should have suction capacity of 40l/min Vacuum pressure 650 -700 mmhg ON/OFF switch Should have Knob for Suction Control Should be piston type, oil free , maintenance free Should have 2 Polycarbonate collection jar of 4 liters with safety valve to prevent overfilling Should be Complete With Suction tube of 3-4 m 2 No Collection jar of 4 liters With foot switch Power cord Anti-Bacterial filter FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | 20 | |
| 17 | <p>Hydraulic OT Table Radiolucent tabletop. Built-in X-ray Cassette Channels Table width 520 mm or more without rails. Table Height (min) 680 mm to (max) 1120 mm Lateral tilt - 20 / +20 degree or more Trendelenburg 30° maximum from horizontal Reverse Trendelenburg 30° maximum from horizontal Back plate adjustment up 80° max or down 50° max Leg plate adjustment up 30° maximum or down 90° maximum. Spread of split leg plates 90 degree. Head plate adjustment -90 / +90 degree</p> | | 7 | |

| | | | | |
|----|--|----|--|--|
| | <p>Patient Weight capacity 360kg or more. Electro-Hydraulic Surgical Table Complete with : Anesthesia Screen, Arm Boards , Basic Straps , Safety Clark Sockets FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | | |
| 18 | <p>Diathermy Unit High frequency surgical diathermy for mono polar and bi polar cutting and coagulation for use in general surgery, ENT, Gynaecology, Urology, Orthopedic, etc. Output frequency 320Khz ~ 375KHz. Output power 300 W or more. Monopolar cutting 300 W Pulse 40W Blend : 230W or more. TUR (transurethral resection): 300W TUR-Pulse: 50W Monopolar coagulation Soft 100, Spray 120, Bipolar Cutting Bipolar cutting 100 W or more Pulse : 100 W ore more Bipolar coagulation : 100 W Complete with following accessories: Power cable, Footswitch, double, HF-hand piece with finger switch, Knife electrode straight 4mm or better with shaft, Loop-electrode diameter of 10mm or better with shaft of 4 mm or better, Bipolar forceps , bipolar cable, patient plate, trolley FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | 6 | | |
| 19 | <p>Labour Table (Steel) Good quality</p> | 1 | | |
| 20 | <p>Infant warmer with Resuscitation trolley Operational condition : +18°C ~ + 30°C. Environment temperature : 30% ~75%. Environment relative humidity : <0.3m/s . Temperature control mode : Pre-heat, auto and manual . Temperature control range : 25°C ~37°C . Temperature override mode to : 38°C. Temperature sensor accuracy: <=0.3°C. Mattress temperature infirmity : <=2.0°C. Temperature raise time : <=45 min . Heat out putindicate : 0~100%. Radiant box horizon angle adjust range : 0~+/-90° step-less . Mattress tray size : 68cm x 56cm . Mattress tray max load : 10 kg . Transfusion pole max load : 2 kg . Shelf max load: 2 kg . R-232 connector . Mattress to radiant box : 81 cm . Heat infrared wave length . Power failure alarm . Sensor failure alarm . FDA/CE/JIS Marked USA/UK/EEC / JAPAN-</p> | 10 | | |
| 21 | <p>Theatre instrument sets</p> | 4 | | |

| | | | | |
|----|---|--|----|--|
| | Local, export quality | | | |
| 22 | General surgery set Local, export quality | | 3 | |
| 23 | Delivery set Local, export quality | | 11 | |
| 24 | Stabilizer (S.S) Imported | | 4 | |
| 25 | Photo trophy unit Imported | | 2 | |
| 26 | Minor OT Table Local, Good quality | | 15 | |
| 27 | Autoclave Micro-processor control system. 80 liter Chamber capacity Auto lock pressure door with double lock . With Auto dry, re dry and exhaust function. Door close indicator. Low water indicator. Chamber and tank water level indicator. Unit should capable for automatic shutdown if over pressure. Sterilization temperature / pressure:121C 134 ° Design temperature. 3 KW Power consumption FDA/CE/JIS Marked USA/UK/EEC / JAPAN | | 1 | |
| 28 | Holding forceps Local, export quality | | 8 | |
| 29 | Knife handle size no 3 Local, export quality | | 6 | |
| 30 | Knife handle size no. 4 Local, export quality | | 6 | |
| 31 | Dissecting forceps 6" non toothed Local, export quality | | 4 | |
| 32 | Dissecting forceps 8" non toothed Local, export quality | | 4 | |
| 33 | Dissecting forceps toothed Local, export quality | | 4 | |
| 34 | Scissors 7" stainless steel Local, export quality | | 6 | |
| 35 | Dissecting forceps curved medium Local, export quality | | 4 | |
| 36 | Dissecting forceps curved full size Local, export quality | | 4 | |
| 37 | Artery forceps mosquito 6" Local, export quality | | 24 | |
| 38 | Artery forceps fine point Local, export quality | | 6 | |
| 39 | Artery forceps right angle long Local, export quality | | 4 | |
| 40 | Kocher clamp Local, export quality | | 4 | |

| | | | | |
|----|---|----|--|--|
| 41 | Allis tissue forceps 8" Local, export quality | 12 | | |
| 42 | Allis tissue forceps 6 ½" Local, export quality | 12 | | |
| 43 | Banock Tissue forceps long Local, export quality | 6 | | |
| 44 | Banock Tissue forceps medium Local, export quality | 4 | | |
| 45 | Sonn Muller Muscle Retractor Local, export quality | 2 | | |
| 46 | Prongs lion skin retractors Local, export quality | 4 | | |
| 47 | Lengen back retractors small size Local, export quality | 2 | | |
| 48 | Dover's retractors medium Local, export quality | 2 | | |
| 49 | Dover's retractor small Local, export quality | 2 | | |
| 50 | Balfur Addominal Retractor Local, export quality | 1 | | |
| 51 | Needle Holder 6" Local, export quality | 6 | | |
| 52 | Needle Holder 7" Local, export quality | 6 | | |
| 53 | Sinues forceps 7" SS Local, export quality | 4 | | |
| 54 | Aneurysm Needle Local, export quality | 4 | | |
| 55 | Million Retractor Local, export quality | 8 | | |
| 56 | Wheel Chair Imported/local | 8 | | |
| 57 | Instrument Tray 18" x 1.1/2 S.S with cover Local, export quality | 8 | | |
| 58 | Tray Kidney shaped 8 inch Local, export quality | 8 | | |
| 59 | Tray Kidney shaped 100inches Local, export quality | 10 | | |
| 60 | Bowl 8" Diameter S.S Local, export quality | 10 | | |
| 61 | Bowl 14 Diameter S.S Local, export quality | 10 | | |
| 62 | Jug S.S. 8 Pint size Local, export quality | 10 | | |
| 63 | Probe 8" Local, export quality | 10 | | |
| 64 | Cusco's vaginal speculum Local, export quality | 4 | | |
| 65 | Saline infusion stand Local, export quality | 20 | | |

| | | | | |
|----|---|--|----|--|
| | Local, export quality | | | |
| 66 | Instrument sterilizer 16 x 4" Local, export quality | | 5 | |
| 67 | Dressing instrument (4 Set) Local, export quality | | 4 | |
| 68 | Cotton Drums S.S Local, export quality | | 6 | |
| 69 | X-ray illuminator for 4 films. Illumination: high frequency fluorescent lamps with demining control. With stainless steel finished Complete with clip for mounting and demounting the x-ray films. FDA/CE/JIS Marked USA/UK/EEC / JAPAN | | 53 | |
| 70 | Weight balance Imported FDA/CE/JIS Marked USA/UK/EEC | | 5 | |
| 71 | Temperature chart holders 15 x 19" Local, export quality | | 40 | |
| 72 | Sputum cups stainless steel with cover Local, export quality | | 30 | |
| 73 | Feeding cups stainless steel Local, export quality | | 15 | |
| 74 | Urinal Male stainless steel with cover Local, export quality | | 20 | |
| 75 | Urinal Female stainless steel Local, export quality | | 20 | |
| 76 | Bedpan stainless steel with handles Local, export quality | | 10 | |
| 77 | Cotton's drums S.S Local, export quality | | 4 | |
| 78 | X-ray Machine 300mA with all accessories 20KHz Micorprocessor controlled high frequency X-ray Generator. X-Ray out put power: 30 kW or more, i.e. 200mA at 150kV, 300mA at 100kV. 500 or more Anatomical program for different patient size i.e. peditric and adult for small, medium and large body. AEC facility must be quoted as optional. Radiographic kV: 40-150kV in one kV step. Radiographic time: 1ms-8 sec or more. mAs : 0.3 -475mAs or more. Radiographic mA: 10-320mA or more. X-ray Tube: Rotating anode x-ray tube. Large focus 2mm and small focus 1 mm. Heat storage capacity : 140KHU or more. | | 1 | |

| | | | | |
|----|---|--|---|--|
| | <p>Manual beam collimator with LED light indicator for alignment with bucky.</p> <p>Four way floating top table bucky with fixed height.</p> <p>Longitudnal and lateral travel movement for table bucky.</p> <p>Longitudnal movement both the size, left and right up to 90cm or more</p> <p>Lateral movement , back and forth: 22cm or more.</p> <p>Foot switch must be supplied along with table to control electro megnatic break.</p> <p>Cassette holder to hold cassette size up to 35 x 43 cm.</p> <p>Moving bucky grid ratio 10:1 .</p> <p>Chest bucky stand, consiting of two major parts: colum assembly and image receptor.</p> <p>Column stand must be fixed to the floor and wall having counter weight for counter balance for soft verical movment.</p> <p>Vertical movement of the column assmebly must be around 1490mm, manual travel</p> <p>Mechanical lock for vertical movement and positioning as per patient requirement.</p> <p>Handle to lock should be at any size of carrage.</p> <p>x-ray cassetee tray for cassette size up to 35 x 43 cm.</p> <p>Moving grid 10:1 or better.</p> <p>Floor column tube stand with longitundnal rail with 2000mm length or more, column tube holder and x-ray tube assembly with control console.</p> <p>The column tube holder must be rotated on vertical axis +/-90° or more.</p> <p>The vertical manual movement should be 1500mm or more.</p> <p>Maximum focal spot of the floor distance 1900mm or better.</p> <p>Telescopic manual travel of x-ray tube assembly 300mm or more.</p> <p>FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | | |
| 79 | <p>X-ray film processor</p> <p>Table top film processor to process commercially available medical x-ray films</p> <p>With roller transport system.</p> <p>Processing capacity of 80 film/hour or more.</p> <p>With temperature control system</p> <p>Automatic replenishment system.</p> <p>Complete with tank for developer (3.5L or more), fixer (2.4L or more) and washer (2L or more).</p> <p>Compatible with all common types of films and chemicals.</p> <p>FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | 5 | |
| 80 | <p>X-ray cassettes all size</p> <p>08 x 10"</p> | | 1 | |

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| | <p>10 x 12" 12 x 15" 14 x 14" 14 x 17"</p> <p>USA/UK/Japan</p> | | | |
| 81 | <p>X—Ray hangers all sizes 08 x 10" 10 x 12" 12 x 15" 14 x 14" 14 x 17"</p> <p>USA/UK/JAPAN</p> | | 5 | |
| 82 | <p>Ultrasound Machine High Resolution Portable B/W Ultrasound Machine having Digital Beam Forming System for Abdominal/Obstetrical/Gynae/Urology/small parts with the following Composition: 12" or more LCD Monitor having wide viewing angle with Tilt, Swivel & up/down. Two or more probe connectors STC gain. Depth: 24 cm or more. B/M scan, B(Single, Dual), B/M, M Tissue Harmonic imaging comprehensive measurement package/functions with six or more different methods for obs/Gynae. Twin pregnancy measurement package etc. complete with : Multi Frequency Convex Probe 3~5 MHz. Multi frequency Linear probe 5~10MHz TVS probe (Optional) CD/DVD writer or USB port. Digital B/W Ultrasound printer. High quality Mobile Trolley with provision of placement of Ultrasound printer, UPS/Stablizer (Local) FDA/CE/JIS Marked</p> | | 8 | |
| 83 | <p>Dental Unit with complete set Dental Units fully Automatic Set unit Chair /Doctor School / Air Compressor / Triple Syringe / Hand Piece / Unit Spiter Dental Treatmen Centre Consisting of :- Patient Chair</p> | | 1 | |

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| <p>With electrical chair movement, double articulated headrest and backrest.</p> <p>2 preset chair positions: start and rinsing position 3 programmable chair positions Last memory position the chair returns to the previous treatment position after using the preset rinsing lowest chair position can reach 380mm, with emergency treatment position.</p> <p>Chair movement is controllable by dentist and assistant touch panels, as well as the multifunctional foot everything is integrated into the chair base, no cables on the floor, hygienic and clean.</p> <p>One main switch to control air, water and power.</p> <p>Chair instrument lock enables safe operation, the chair is locked while an instrument is working. With safety system, backrest and seat movement can be stopped once it meets obstacle.</p> <p>Dentist element Hanging hoses / Height of dentist element is adjustable / Instrument holder / Control Panel can be used for operating functions, such as chair movement preset and programmable cup filler, bowl rinsing operating light on / off and intensity adjustment / 1 three way syringe.</p> <p>2 Ultra Push Air Turbine Autoclaveable 400,000 rpm, (mini / standard). 1 Air motor with contra and straight angle hand pieces. Contra and straight angle hand[pieces. Contra and straight hand pieces are autoclave. / 1 Ultrasonic Scaler Piezon with four tips built in type.</p> <p>1/- Foot Controller 1/- air pressure gauge. 1/- silicon mat which can be sterilized</p> <p>Assistant element With an angle adjustable support arm.</p> <p>With suction filter system for easy cleaning. 1 three way syringe 1 HVE 1 saliva ejector 1 LED Curing light</p> <p>Water unit Mounted to the chair / The cuspidor can be swiveled and removable for easy cleaning / Fresh water bottle 1.5L / A switch to choose city water or fresh water bottle / Programmable cup filler and bowl rinsing systems.</p> <p>Operating light Brightness is 25000 Lux / 12V, 50 watts Light on / off and intensity can be controlled through the touch panel / The light turns off automatically during chair movement, and turns back to the previous intensity when the chair stops.</p> <p>Working stool Mobile on 5 castors / Height of seat and backrest is adjustable / Backrest angle is adjustable and lockable.</p> <p>Oil free Dental Air Compressor Motor (¾-1 H.P) / Output: 100 L / min or above / Working Pressure:-5-8 bar / Tank Capacity : 24 litre / Power 220 Volt, 50 Hz, Complete set.</p> | | | |
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| | FDA/CE/JIS Marked USA/UK/EEC/ <i>JAPAN</i> | | | | |
| 84 | Autoclave (Steam Sterilizer) Micro-processor control system. 80 liter Chamber capacity Auto lock pressure door with double lock . With Auto dry, re dry and exhaust function. Door close indicator. Low water indicator. Chamber and tank water level indicator. Unit should capable for automatic shutdown if over pressure. Sterilization temperature / pressure:121C 134 ° Design temperature. 3 KW Power consumption FDA/CE/JIS Marked USA/UK/EEC/ <i>JAPAN</i> | | 1 | | |
| 85 | Operating Microscope Surgical microscope for different surgery with built-in control unit . Long-reach swingarm for optimal positioning in the OR. Integrated coaxial halogen illumination. light intensifier. Choice of fine-focus lenses, with sterilizable drive knobs. Laser adaptability 5 step magnification changer, manually. Range of magnification: 1.5× – 40.0× with 10× eye pieces. Fine focusing objective f=300mm .Field of view : 33mm – 132mm with 10× eyepieces illumination . Integrated coaxial Halogen Illumination Complete with : Mobile floor stand. Fine focusing objective f= 300mm FDA/CE/JIS Marked USA/UK/EEC/ <i>JAPAN</i> | | 1 | | |
| 86 | Auto Refractor Imported FDA/CE/JIS Marked USA/UK/EEC/ <i>JAPAN</i> | | 1 | | |
| 87 | Slit lamp Stereoscopic converging binocular microscope. 3 Step magnifications changing by rotating drum. Long life and power-saving LED illumination. Superior function and compact design. Joy stick device, Easy coarse and fine adjustment for vertical and lateral movement of main body by one hand. Microscope Magnification 10X, 16X, 25X. Eye piece 12.5X. Diopter adjustment :-5D ~ +3D. Total magnification . Field of view:.10X (Ø22.5mm), 15.98X (Ø14.1mm), 25.53X (Ø8.8mm)Slit Illumination Light source:LED(Light Emitting Diode)Aperture diameter :Continuous from 1 to 14, Ø0.3, 1, 5, 10, 14mm. Slit width Continuous from 0 to 14mm. Slit length Continuous from 1 to 14mm. Slit angle 0° to 180°. Filters Blue, Red-free. Primary input:AC 120/220 50-60Hz. FDA/CE/JIS Marked USA/UK/EEC/ <i>JAPAN</i> | | 2 | | |
| 88 | Drum Local , export quality | | 4 | | |

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| 89 | Trolley Local , export quality | 1 | | |
| 90 | Minor Set Local , export quality | 2 | | |
| 91 | Squint Set Local , export quality | 1 | | |
| 92 | Snellen Chart Local , export quality | 1 | | |
| 93 | Ophthalmoscope Gullstrand principle with unique aspherical tical system. Corneal and iris reflex elimination, Dust proof. Bright Halogen illumination. Recessed multi-coated viewing window. Suitable for large or small pupils. Lens range+ 1 – 10 / 15 / 20 / 40 D : - 1 – 10 / 15 / 20 / 25 / 35 D. Apertures:Slit, fixation star with polar co-ordinates, Cobalt blue filter, large spot, small spot, hemispot.. Filter:Red-free filter for all apertures Power Source : Rechargeable Battery and Plug Charger FDA/CE/JIS Marked USA/UK/EEC / <i>JAPAN</i> | 5 | | |
| 94 | Retinoscope ParaStop for precise and easy selection of parallel beam. Single control for vergence and rotation. Polarization filter for superb internal reflex and stray light. Bright Halogen illumination, bright fundus reflex easy reorganization of neutralization point . Recessed multi-coated viewing window. Suitable for large or small pupils. Semi-reflector mirror simultaneous illumination and observation. peration with rechargeable battery and plug charger FDA/CE/JIS Marked USA/UK/EEC / <i>JAPAN</i> . | 2 | | |
| 95 | 90D Lens Imported | 1 | | |
| 96 | 20 D lens Imported | 1 | | |
| 98 | Trail set Imported | 2 | | |
| 99 | Gonioscope Imported | 1 | | |
| 100 | A-Scan Large Touch screen operation with high-resolution backlit color LCD. Complete measurement and calculation record within seconds .Capture mode automatic and manual. Ability to store up to five different user profiles. USB for EMR archiving, SD disk for patient data storage. A-Scan 10mm Calibration cylinder. 10 Lens Database. Portable and compact weighing, Built in thermal printer. Spring loaded Soft touch probes. A-probe frequency: 10 MHz. | 1 | | |

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| | <p>Measurements: ACD, Lens, Vitreous, Axial, Standard Deviation, Individual Zone Velocity. Examination modes: Direct contact, Immersion, Dense cataract, Aphakic, Pseudophakic, 4- Gate Manual.</p> <p>IOL programs: Regression II, Theoretic T, Binkhorst, Holladay, Hoffer Q, Haigis. Post refractive formulas: Laskany Myopic Regression and Arambersi Double-K. Measurements limits: AXL- 18-45.</p> <p>Clinical accuracy: ± 0.10mm. Electrical accuracy: ± 0.023mm</p> <p>Average and standard deviation computed for each reading. Measurement review mode.</p> <p>Primary voltage: AC90 ~ 250V.</p> <p>Power frequency: 50/60Hz.</p> <p>Maximum power consumption: 60W</p> <p>FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | | | |
| 101 | <p>B Scan (Keratometer)</p> <p>Measurement Range : Sphere, 20D~+20D (VD=12mm) 0.12D/0.25D steps, Cylinder - 10D~+10D 0.12D/0.25D steps, Axis angle 1°~180° 1°steps.</p> <p>Pupillary Distance : 10~85mm 1mm steps min pd: 2.0mm.</p> <p>kerato curvature Radius 5` 1.02mm (0.01 step).</p> <p>Minimum Pupil Diameter kerato : \varnothing 2.0`14.0mm. Display: 5.7" LCD color. Print: Built-in Thermal Printer.</p> <p>FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | 1 | | |
| 102 | <p>Refraction set</p> <p>Imported</p> | | 2 | | |
| 103 | <p>Tonometer Tonometer with the precision mechanism measures intraocular pressure according to international standard. All the vital parts should made of stainless steel.</p> <p>Agate stone inserted.</p> <p>Set 3 weights included (5.5 - 7.5 - 10g).</p> <p>Scale specification 5.</p> <p>In black deluxe case with velvet-look inserts.</p> <p>Reading of the scale with red pointer.</p> <p>FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | 3 | | |
| 104 | <p>Cateract surgery set</p> <p>FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | 1 | | |
| 105 | <p>Pulse Oximeter (portable)</p> <p>Portable, mounted on trolley.</p> <p>5: or more" touch screen TFT display</p> | | 10 | | |

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| | <p>2 trace waveform SpO2% Range: 0 ~ 100% Pulse Rate Range: 30-250 bpm Alarm Red light LED wavelength SpO2 Probe Complete with peads and infant accessories FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | | | |
| 106 | <p>Head light Fibre optic cable complete with head light and light source with headband, adjustable, and thin head. Both should include F.O. cable with adaptor for connection to light sources Light beam can be focused through a focusing ring. Distance: 20 cm 7-15 mm, 30 cm: 10-22 mm, 50 cm : 16-35 mm Powerful light source for endoscopic use. Equipped with a 150 watt halogen bulb low noise fan for cooling inside the metallic structure of the light source. FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | 8 | | |
| 107 | <p>Audio gram Two Channels Audiometer .Air conduction .Bone conduction .Speechaudiometry .Narrow Band Noise .Pulse Tone .Speech noise .Frequency modul .Amplitute modulation SISI.Hearing loss calcul .Audio test .Patient response .Out put to printer RS232-C channel .Internal memory FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | 2 | | |
| 108 | <p>Tempenometer machine (USA/UK/ Europe/Japan)</p> | | 1 | | |
| 109 | <p>ECG Machine 3 Ch 3 channel ECG Machine with alphanumeric key board, LCD graphic display and pace maker detection facility. Indicators for loose leads Auto and manual modes. Printer Paper speed (mm/s) : 5, 10, 25, 50. Sensitivity (mm/mV): 2.5, 5, 10, 20, Complete with: Set of electrodes, patient cable, power cord, gel, paper roll 58mm / 25m and dust cover. FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | 1 | | |
| 110 | <p>ECG Machine Resting 6 Chanel ECG Machine with alphanumeric key board, LCD display of 5.5" or more. Pace maker detection.</p> | | 3 | | |

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| | <p>Indicators for loose leads Auto and manual modes. Printer Paper speed (cm/s) : 1, 2.5, 5. Sensitivity (cm/mV): 0.25,0.5,1.2 Diagnostic analysis and interpretation as standard Memory : 100 or more records, 10 sec long strip Paper type: roll/A-4 Battery backup for 75 minutes for monitoring and 30 min for printing in both automatic and manual mode. Complete with: Set of electrodes, patient cable, power cord, gel, paper roll 58mm / 25m and dust cover. FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i></p> | | | |
| 111 | <p>ECG Machine 12 Ch</p> <p>Resting 12 Chanel ECG Machine with alphanumeric key board, LCD display of 5.5" or more. Pace maker detection. Indicators for loose leads Auto and manual modes. Printer Paper speed (cm/s) : 1, 2.5, 5. Sensitivity (cm/mV): 0.25,0.5,1.2 Diagnostic analysis and interpretation as standard Memory : 100 or more records, 10 sec long strip Paper type: roll/A-4 Battery backup for 75 minutes for monitoring and 30 min for printing in both automatic and manual mode. Complete with: Set of electrodes, patient cable, power cord, gel, paper roll 58mm / 25m and dust cover. FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i></p> | | 2 | |
| 112 | <p>Spot Light</p> <p>Spot Light with Battery backup. LED light. 60,000 LUX intensity color rendering Ra > 95 4500K Color temperatures No of LEDs: 8 nos or more. Mobile stand with flexible arm and four castors with from same Manufacturer. FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i></p> | | 5 | |
| 113 | <p>B.P. Apparatus wall mounted</p> <p>Mercury 300mm Hg with die cast metal housing large reservoir with spilling over arrangement (auto lock), tube with 3 mm silicone. Rubber bulbs. Velcro cuff with marking for Pediatric and Neonates. Complete with basket for storage of cuffs FDA/CE/JIS Marked</p> | | 6 | |

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| | USA/UK/EEC | | | |
| 114 | Glucose meter Imported FDA/CE/JIS Marked USA/UK/EEC / JAPAN | | 21 | |
| 115 | Stethoscope Imported FDA/CE/JIS Marked USA/UK/EEC / JAPAN | | 26 | |
| 116 | Infusion pumps Volumetric peristaltic infusion pump. Flow rate 0.1 to 99.9 ml/h. Unit compatible with most IV set. Memory function in case of power failure to retain the most recent flow rate & total volume. Comprehensive alarm for Air in line, occlusion, door open, low battery, infusion complete, empty container. Built in battery charger. Unit complete with IV sets. FDA/CE/JIS Marked USA/UK/EEC / JAPAN | | 1 | |
| 117 | Alphabetical Numeric wall chart electrical Imported | | 2 | |
| 118 | ENT Diagnostic Modular diagnostic set capable to combined according to requirements and the room situation. With 3.5 V xenon or LED lighting, 2 handle oto and ophthalmoscope head, ear specula dispenser, clock etc FDA/CE/JIS Marked USA/UK/EEC / JAPAN | | 4 | |
| 119 | Semi Auto Chemistry Analyzer <u>Optical System:</u> Absorbance range: 0.200 to 2.500 A Spectrum Field : 340-700 nm Filter Wheel: 340, 405, 505, 535, 560, 578, 600, 635, 670 nm plus two free positions Band Width: 10 nm Linearity upto 2200 A Light source: LEDS Zero : Automatic Reading: Monochromatic and Bichromatic Detector : Silicon Photodiode Thermostatic Control: Peltier effect with programmable temperature from 25 °C to 40 °C in steps of 1°C Stability: 0.2° C <u>Calculations Mode:</u> Absorption / Concentration Differential mode with Factor or standard | | 1 | |

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| | <p>Enzyme kinetics with factor or standard</p> <p><i>Computer Connection</i></p> <p>1 RS-232 interface</p> <p><i>Power Requirements</i></p> <p>115/230 VAC, 50/60 Hz, 85 VA</p> <p>(WxDXH): 387x337x150 mm</p> <p>Cuvettes and Tubes</p> <p>Flow cuvette (Micro) 18 µl</p> <p>Manual cuvettes</p> <p><i>Aspiration System Cell</i></p> <p>Flow System with Peristaltic pump included in the housing</p> <p>Pump stepper motor controled in low voltage</p> <p>Sipping volume programmble from 100 µl to 5 ml</p> <p>Flow cuvette of 18 µl capacity</p> <p>Automatic adjustment of sipping volume, USB Port</p> <p>User Friendly Interface</p> <p>FDA/CE/JIS Marked</p> <p>USA/UK/EEC / <i>JAPAN</i></p> | | | |
| 120 | <p>Incubator for Lab</p> <p>volume : 55 liters</p> <p>Temperature range : Ambient Temperature +5° C to 99,9°C</p> <p>Interior chamber : Stainless steel</p> <p>Programmable PID microprocessor control system</p> <p>Digital displays for temperature and time</p> <p>Timer : 1 min. to 100 hours and hold position</p> <p>Heating by natural convection</p> <p>Adjustable safety thermostat</p> <p>Internal glass door</p> <p>Shelves: 2</p> <p>230 V - 50/60 Hz</p> <p>FDA/CE/JIS Marked</p> <p>USA/UK/EEC / <i>JAPAN</i></p> | | 1 | |
| 121 | <p>Centrifuge Machine</p> <p>Bench Top Centrifuge Machine 6,000 RPM</p> <p>Brushless motor. Noiseless and vibration free.</p> <p>Relative centrifugal force (RCF) not less than 5,350xg Digital control of Timing up to 99min.</p> <p>Digital display of speed, timing.</p> <p>Rotor Imbalance detection.</p> <p>Lid safety interlock.</p> <p>Rotor, 24 tubes holder capacity.</p> <p>Accessories: One set of tube holders for each tube size.</p> <p>FDA/CE/JIS Marked</p> <p>USA/UK/EEC / <i>JAPAN</i></p> | | 2 | |
| 122 | <p>Adjustable Juster</p> <p>Adjustable pipettes.</p> | | 8 | |

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| | <p>Robust body construction. smooth fatigue free operation. precisely calibrated. Corrosion free ceramic construction piston. Tip holder & ejector fully autoclave able. Measuring capacity of the following sizes. Adjustable range of 0.2 to 2 U/Adjustable range of 10 uL , Adjustable range of 0-50 ml Adjustable range of 50-100mL Adjustable range of 100-1000mL FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i></p> | | | | |
| 123 | <p>water bath Tank volume :21 liters Useful volume: 15 liters Temperature range : Ambient Temperature +5°C to 99,9°C Interior chamber : Stainless steel Programmable PID microprocessor control system Digital display for temperature and time Timer : 1 minute to 99.9 hours and hold position Delayed start timer : 1 minute to 99.9 hours Safety thermostat to prevent dry running Int. Dim. (W x D x H) : 505 x 300 x 145 mm Ext. Dim. (W x D x H) :590 x 405 x 275 mm 230 V - 50/60 Hz FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i></p> | | 2 | | |
| 124 | <p>Tissue Processor 200 or more cassette capacity Cassette baskets gently rotated inside the circular chamber for more effective agitation. Pre-Heating reagent temperature upto 35C Automatic reagent rotation Direct drawn accesibility of new reagent into processor i.e-no pouring-no mess-no fume Compatible with IPA xylene-free processes as well as conventional reagents. With Battery backup Enhanced User Safety with automation of downdraft fan for removal of fumes through filter which neutralizes formaldehyde. Automated transfer of paraffin to waste container. FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i></p> | | 2 | | |
| 125 | <p>Juster (Fixed) Adjustable pipettes. Robust body construction. smooth fatigue free operation.</p> | | 6 | | |

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| | <p>precisely calibrated. Corrosion free ceramic construction piston. Tip holder & ejector fully autoclave able. Measuring capacity of the following sizes. Adjustable range of 0.2 to 2 U/Adjustable range of 10 uL , Adjustable range of 0-50 ml Adjustable range of 50-100mL Adjustable range of 100-1000mL or equivalent (USA/UK/ Europe/Japan)</p> | | | | |
| 126 | <p>Hematology Analyzer 3 part Measuring principles: Volumetric impedance method for WBC, RBC and PLT. Spectrophotometer for HGB Throughput: 60 tests/hour Reagent system: Isotonic Diluents, Hemolysing Agent, Cleaner Sampling method: Open tube system with automatic sample rotor Sample volume: 25 µl of whole blood, 50 µl of diluted blood in pre-diluted mode Chambers: 3 chambers for diluting whole blood and counting. Display: 320x240 dots, high-contrast, backlit and color graphics LCD Dimensions and weight: 340 x 414 x 380 mm, 15 kg FDA/CE/JIS Marked USA/UK/EEC / <i>JAPAN</i></p> | | 5 | | |
| 127 | <p>Vacuum Extractor Noise less suction machine with a noise level of not more than 47db for smooth and calm operation. Should have 4 extra strong wheels (1 of them antistatic and 2 of them with brakes) Should have suction capacity of 40l/min Vacuum pressure 650 -700 mmhg ON/OFF switch Should have Knob for Suction Control Should be piston type, oil free , maintenance free Should have 2 Polycarbonate collection jar of 4 liters with safety valve to prevent overfilling Should be Complete With Suction tube of 3-4 m 2 No Collection jar of 4 liters With foot switch Power cord Anti-Bacterial filter With suction cups. FDA/CE/JIS Marked USA/UK/EEC/ <i>JAPAN</i></p> | | 6 | | |
| 128 | <p>Pulse oximeter Portable, mounted on trolley. 5: or more" touch screen TFT display</p> | | 4 | | |

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| | <p>2 trace waveform SpO2% Range: 0 ~ 100% Pulse Rate Range: 30-250 bpm Alarm Red light LED wavelength SpO2 Probe Complete with leads and infant accessories FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | | |
| 129 | <p>CTG Machine FHR, TOCO, Fetal movement, 110mm/150mm built-in printer and battery 12 inch color LCD, 0~90 degree adjustable screen 24hrs CTG data storage and power-off memory. simultaneous waveform and data display. USB output for data transmission FHR : Ultrasound Frequency 1MHz±1KHz, Ultrasound input intensity < 2mW/cm2 Range 30-240bpm TOCO : Measurement range 0~100% Fetal Movement: Count mode Manual, automatic and automatic fetal movement waveform. FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | 10 | | |
| 130 | <p>Portable light with halogen lamp for labour room (split light) with battery backup Spot light for medical examination at OPD and bed side. With halogen bulb 50W 12V situated inside the plastic reflector and should be protected by a tempered glass. Lamp head should be fully sealed against dirt and fluid spray. Articulated Arm . Light beam of 180 mm diameter at a distance of 50 cm Base with 5 rotary spokes, 900 mm height. Light intensity 25,000 lux at 50 cm. FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | 8 | | |
| 131 | <p>Multiparameter Patient Monitors Standard parameter: ECG 5 leads , NIBP , SPO2, TEMP, RESP. 12" or more TFT/LCD Touch screen Display Trend recording up to 64 hours or more HR Display Range: 30-300bpm or more Hard wire/wires less connectivity facility for central monitoring station. Network connectivity HL7 based to transfer data to the hospital information system. Adult, Neonatal & pediatric modes of operation, detection and alarms for all parameters</p> | 4 | | |

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| | <p>Waveform display 8. Wave form trace speed : 25 and 50mm/sec</p> <p><u>ECG</u> Leads selection: I, II, III, aVR, aVF, aVL, V, V1-V6, TEST Selectable neonatal & pediatric operation Ability to detect neonatal & pediatric heart rate range, qrs widths and amplitudes. Numeric heart rate Real time wave form Variable gain: 0.5,1,2&4 Heart beat indication</p> <p><u>NIBP</u> Pressure , oscillometric principal. Systolic , diastolic and mean pressure Rising cuff/continuous pressure display <u>Temperature:</u> Numeric temperature selectable Temperature with probe (external and rectal) Ability to measure neonate and pediatric temperature range</p> <p><u>Pulse Oximeter</u> Number oxygen saturation measurement Range: 0-100% Sensor for neonate/infant and pediatrics Respiration impedance method using ECG leads for sensing. Breathing rate range, sweep speed Selectable apnea alarm Built-in battery with charger for at least 2 hours or more The system must be complete with all sensors, probes and cables and accessories. FDA/CE/JIS Marked USA/UK/EEC/<u>JAPAN</u></p> | | | |
| 132 | <p>Electronic Digital Infusing Pump Volumetric peristaltic infusion pump. Flow rate 0.1 to 99.9 ml/h. Unit compatible with most IV set. Memory function incase of power failure to retain the most recent flow rate & total volume. Comprehensive alarm for Air in line, occlusion, door open, low battery, infusion complete, empty container. Built in battery charger. Unit complete with IV sets. FDA/CE/JIS Marked USA/UK/EEC/<u>JAPAN</u></p> | 2 | | |
| 133 | <p>Defibrillator with ECG Monitor Defibrillator with monitor & recorder Biphasic & truncated wave form 5" or more screen. Synchronized output with ECG Control of energy charges / delivering on main panel and apex</p> | 4 | | |

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| | <p>paddle. Charging indicators Energy up to 200J or more. Charging time for full energy should be less than 6 sec. Display of heart rate, ECG through paddles and lead I,II& III patient cables. Built-in recorder for printing of full summery of standard 50mm paper. Alarm for high and low heart rate, low battery warring. Built in rechargeable battery with charges for more than 100 shocks Auto test/self-check External pediatric and adult paddles. ECG cable AC 220V/50Hz operated FDA/CE/JIS Marked USA/UK/EEC/JAPAN</p> | | | | |
| 134 | <p>LED OT Light 160,000 LUX INTENSITY 3 Steps of color Temperature selectable 95Ra of Highest Level of CRI R9 90 of red color rendering ability Focal Size (Dia.20cm ~ Dia.30cm) Dilution Effect with 96 LED units (75% ~ 100%) 4 Smart Sensors for maximizing dilution effect Channel Illuminating Technology Intuitive control with one touch panel Dimming Range : 25% ~ 100 % Endo Mode at 8,000 Lux Detachable & Autoclavable Hand Grip 96 Number of LED Diameter of Head size :65cm or more IlluminationEc at1m working dist 160,000 or better Ance: Min. 40,000 Dimming range : 5 ~ 100 % Endo mode: 8,000 CRI : 95 Color temperature: 3,800/4,300/4,800 FDA/CE/JIS Marked USA/UK/EEC/JAPAN</p> | | 1 | | |
| 135 | <p>Mobile OT Light 160,000 LUX INTENSITY 3 Steps of color Temperature selectable 95Ra of Highest Level of CRI R9 90 of red color rendering ability Focal Size (Dia.20cm ~ Dia.30cm) Dilution Effect with 96 LED units (75% ~ 100%)</p> | | 1 | | |

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| | <p>4 Smart Sensors for maximizing dilution effect Channel Illuminating Technology Intuitive control with one touch panel Dimming Range : 25% ~ 100 % Endo Mode at 8,000 Lux Detachable & Autoclavable Hand Grip 96 Number of LED Diameter of Head size : 6.5cm or more Illumination Ec at 1m working dist 160,000 or better . Ance: Min. 40,000 Dimming range : 5 ~ 100 % Endo mode: 8,000 CRI : 95 Color temperature: 3,800/4,300/4,800 FDA/CE/JIS Marked USA/UK/EEC/JAPAN</p> | | | |
| 136 | <p>Nebulizer Compressor: Piston. Fuse: T1,6 A/ 250V. Operating Pressure : 0.90 bar. Air flow : 14l/min. Noise Level: 50db. Temporary Use: 30/30 min. ON/OFF. Class of Risk : IIa. Accessories: Adult face mask 01. Pediatric Face Mask . Faster jet Bulb . Mouthpiece. Nasal prong. Connection tubing. FDA/CE/JIS Marked USA/UK/EEC/JAPAN</p> | | 16 | |
| 137 | <p>Emergency resuscitation trolley Trolley with 6 drawers 4 rotatable wheels with breaks Complete with all accessories such as Cardiac board. IV Pole Oxygen regulator Flow meter with humidifier Top tray Tray for defibrillator Waste collection con bin. Resuscitator kit for adult and peds. FDA/CE/JIS Marked USA/UK/EEC/JAPAN</p> | | 18 | |
| 138 | <p>Computer Pentium V with monitor , laser printer with all accessories - Core 2 Duo - 3GHz Processor 6MB Cache - 320GB Hardisk - 2GB Ram - 19" LED Display Laser Printer Min 15ppm</p> | | 15 | |
| 139 | <p>Kitchen Material with cold storage (Deep freezer 2 Nos) Complete with installation and commissioning</p> | | 3 | |

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| 140 | <p>Transport: Ambulance 800 C.C with all accessories Ambulance 1000 C.C with all accessories</p> <p><u>Specifications:</u></p> <ol style="list-style-type: none"> 1. TOWER LIGHTS ON ROOF 3. BOX FOR STRETCHER 4. STRETCHER WITH CUSHION 5. ATTENDENT SEAT BOX TYPE 6. RUBBER MATING 7. OXYGEN CYLINDER KIT COMPLETE 8. FROSTED PAPER 9. AMBULANCE WRITING 11. SIREN / P/A SYSTEM 12. INTERVINIOUS HOOK 13. REVOLVING FAN 14. FIRST AID BOX 15. WALL MOUNTED B.P APPARATUS 16. OXYGEN CYLINDER STAND 17. 200 Joules AED Portable Defibrillator 18. 4 Parameter multi parameter Monitor | 5 1 | | | |
| 141 | <p>CCTV System 2Mp Analog IR Camera Upto 50Mtr 16 channel DVR Minimum 1TB Hardisk RG59 Coax Cabling 21" LED display</p> | 2 | | | |
| 142 | <p>Telephone exchange Telephone exchange with EPBX Systems intercom System with 16 Trunks and 60 Extension with UPS including installation and commissioning.</p> | 5 | | | |
| 143 | <p>100 KVA Diesel Generator</p> <ul style="list-style-type: none"> - Induction system: Turbocharged, air to air - Cooling system: Water-cooled - Frequency and engine speed: 50HZ& 1500 <p>Metering and Alam indications:</p> <ul style="list-style-type: none"> • Generator Frequency • Under speed, over speed • Generator volts (L,L-N) • Generator current • Engine oil pressure | 6 | | | |

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| | <ul style="list-style-type: none"> • Engine coolant temperature pick –up • Logical optional • Fuel level (Warring or shutdown) • Hours run counter • Battery volts • Fail to start/stop • Emergency stop • Failed to reach loading voltage/ frequency • Charge fail • Loss of magnetic • CAN diagnostics and CAN fail / error <ul style="list-style-type: none"> - Exhaust system: Heavy duty Industrial Exhaust silencer - Theinsulation system: Class H - Automatic voltage regulator (AVR): Able to maintain the voltage regulation at ±0.5% nominal - The equipment must meet the following standards: BS4999, BS5000, BS5514 IEC 60034, VDE0530,NEMA MG 1.22 AND ISO 8528. - Warranty: The Generating set should be covered under a warranty policy for a period of 24 months. - Power Cable - Control Cable - Earthing <p>FDA/CE/JIS Marked</p> <ul style="list-style-type: none"> - USA/UK/EEC | | | | |
| 144 | <p>Infusion pump Flow rate setting range (0.1 to 1190.00 mL/h).Purge Approx. 500mL/h.KVO1 Allows to set the KVO flow rate within the</p> | 4 | | | |

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| | <p>following ranges: 0.10 to 3.00 mL/. Volumetric infusion pump. Dose mode mL/h mode, ug/kg/min, mg/kg/h mode, Up to 2800 drug entries, Occlusion detection pressure, and Alarm indication. Battery operating time Approx. 4 hour approx. FDA/CE/JIS Marked USA/UK/EEC/ JAPAN</p> | | | |
| 145 | <p>Electronic balance Capacity & Resolution: 400g x 0.01g Percentage: Resolution: 0.01/ 0.1 / 1% Stabilization Time: 2 sec, Typically Sensitivity drift: (10 ppm/°c (10°c-30°c) Linearity: +/-0.02 g Repeatability/st D.Dev:0.01g Display Refresh: 5 or 10 times Operating temperature: +5°c-40 rh less than 85% no condensation FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | 4 | | |
| 146 | <p>Juster (Fixed) Robust body construction. smooth fatigue free operation. precisely calibrated. Corrosion free ceramic construction piston. Tip holder & ejector fully autoclave able. Measuring capacity of the following sizes. Adjustable range of 0.2 to 2 U/Adjustable range of 10 uL , Adjustable range of 0-50 ml Adjustable range of 50-100mL Adjustable range of 100-1000mL FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | 8 | | |
| 147 | <p>Blood Bank Refrigerator Operating Temperature: from 4°C ± 3°C. Nominal volume 360L. Shelves: 4. Door: 1. Regulation & Control system: External thermostat fo the temperature. Interior dimensions: 470×440×1452. Exterior dimensions: 600×610×1640. FDA/CE/JIS Marked Power supply: 208 - 230V /50Hz FDA/CE/JIS Marked USA/UK/EEC / JAPAN.</p> | 3 | | |
| 148 | <p>Digital Blood Bank Shaker Rechargeable battery dual battery system. upto 6 hours constant working without charging. shock resistant against fall due to metallic construction. Free configuration software-possibility of reading data separately (donor data, identification data bag lot number.</p> | 4 | | |

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| | <p>Measuring and shaking blood bag done simultaneously. Clear display and command panel only 4 buttons. Visual & audible alarm for too fast or too slow blood flow. Power: 220VAC,50Hz FDA/CE/JIS Marked USA/UK/EEC/Japan</p> | | | |
| 149 | <p>X-Ray unit 300mA 20KHz Micorprocessor controlled high frequency X-ray Generator. X-Ray out put power: 30 kW or more, i.e. 200mA at 150kV, 300mA at 100kV. 500 or more Anatomical program for different patient size i.e. peadiatric and adult for small, medium and large body. AEC facility must be quoted as optional. Radiographic kV: 40-150kV in one kV step. Radiographic time: 1ms-8 sec or more. mAs : 0.3 -475mAs or more. Radiographic mA: 10-320mA or more. X-ray Tube: Rotating anode x-ray tube. Large focus 2mm and small focus 1 mm. Heat storage capacity : 140KHU or more. Manual beam collimator with LED light indicator for allignment with bucky. Four way floating top table bucky with fixed height. Longitudnal and lateral travel movement for table bucky. Longitudnal movement both the size, left and right up to 90cm or more Lateral movement , back and forth: 22cm or more. Foot switch must be supplied along with table to control electro megnatic break. Cassette holder to hold cassette size up to 35 x 43 cm. Moving bucky grid ratio 10:1 . Chest bucky stand, consiting of two major parts: colum assembly and image receptor. Column stand must be fixed to the floor and wall having counter weight for counter balance for soft verical movment. Vertical movement of the column assmebly must be around 1490mm, manual travel Mechanical lock for vertical movement and positioning as per patient requirement. Handle to lock should be at any size of carrage. x-ray cassetee tray for cassette size up to 35 x 43 cm. Moving grid 10:1 or better. Floor column tube stand with longitundnal rail with 2000mm length or more, column tube holder and x-ray tube assembly with control console. The column tube holder must be rotated on vertical axis +/-90° or</p> | 2 | | |

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| | <p>more. The vertical manual movement should be 1500mm or more. Maximum focal spot of the floor distance 1900mm or better. Telescopic manual travel of x-ray tube assembly 300mm or more. FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i>.</p> | | | | |
| 150 | <p>Sphygmomanometer Mobile with stand Imported</p> | | 10 | | |
| 151 | <p>ENT Diagnostic set Modular diagnostic set capable to combined according to requirements and the room situation. With 3.5 V xenon or LED lighting, 2 handle oto and ophthalmo scope head, ear specula dispenser, clock etc FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i></p> | | 3 | | |
| 152 | <p>Spirometer TURBINE type transducer. FVC, VC, MW tests in PRE and POST bronchodilatation mode. Graphics superposition. Check-up programme. Graphic incentive for children. Configuration programme. Internal data base for more than 150 tests with graphics. 112 mm. (4 in.) internal printer. Data transfer via INTERNET with PC of: Patients tests . Device check-up data. Software update. Tests exportation to other management systems. Calibration programme for quality control or test, according to standards FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i>.</p> | | 1 | | |
| 153 | <p>Baby weight scale Digital Weight Scale for Children, Infants and Neonates. Collapsible folding tray. 9V Alkaline Battery, Date Time digital option and storage of previous weight on LCD screen. Weight capacity: upto 20-Kgs (10-grams). FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i>.</p> | | 2 | | |
| 154 | <p>Height and weight scale Digital height and Weight Scale. Date Time digital option and storage of previous weight on LCD screen. FDA/CE/JIS Marked USA/UK/EEC/<i>JAPAN</i>.</p> | | 3 | | |
| 155 | <p>ECG Machine 06 Ch with trolley Resting 6 Chanel ECG Machine with alphanumeric key board, LCD display of 5.5" or more. Pace maker detection. Indicators for loose leads Auto and manual modes. Printer Paper speed (cm/s) : 1, 2.5, 5.</p> | | 2 | | |

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| | <p>Sensitivity (cm/mV): 0.25,0.5,1.2 Diagnostic analysis and interpretation as standard Memory : 100 or more records, 10 sec long strip Paper type: roll/A-4 Battery backup for 75 minutes for monitoring and 30 min for printing in both automatic and manual mode. Complete with: Set of electrodes, patient cable, power cord, gel, paper roll 58mm / 25m and dust cover. FDA/CE/JIS Marked USA/UK/EEC/JAPAN</p> | | | | |
| 156 | <p>Ambo Bag (Adult) 100% latex free material. Silicone rubber bag. Autoclaved repeatedly at 134°C. built-in pressure limiting system that ensures a maximum inflation pressure of 70cm H2O. Max. tidal volume 34pprox.: 1300ml Size (Length x Diameter): 275 x 135mm Volume O2 reservoir 34pprox.: 1500ml FDA/CE/JIS Marked USA/UK/EEC</p> | | 6 | | |
| 157 | <p>Ambo Bag (Peads) 100% latex free material. Silicone rubber bag. Autoclaved repeatedly at 134°C. built-in pressure limiting system that ensures a maximum inflation pressure of 70cm H2O. Max. tidal volume 34pprox.: 1300ml Size (Length x Diameter): 275 x 135mm Volume O2 reservoir 34pprox.: 1500ml FDA/CE/JIS Marked USA/UK/EEC</p> | | 6 | | |
| 158 | <p>Central Oxygen System Central Oxygen and Vaccum suction system including liquid Gas storage facility oxygen cylinders, flow meter along with OT, ICU, CCU , wards with installation</p> | | 1 | | |
| 159 | <p>Universal Operation Table Hydraulic Remote Control Electro-Hydraulic Surgical Table Radiolucent tabletop. Built-in X-ray Cassette Channels Table width 520 mm or more without rails. Table Height (min) 680 mm to (max) 1120 mm</p> | | 2 | | |

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| | <p>Lateral tilt - 20 / +20 degree or more</p> <p>Trendelenburg 30° maximum from horizontal</p> <p>Reverse Trendelenburg 30° maximum from horizontal</p> <p>Back plate adjustment up 80° max or down 50° max</p> <p>Leg plate adjustment up 30° maximum or down 90° maximum.</p> <p>Spread of split leg plates 90 degree.</p> <p>Head plate adjustment -90 / +90 degree</p> <p>Patient Weight capacity 360kg or more.</p> <p>Complete with : Anesthesia Screen, Arm Boards , Basic Straps , Safety Clark Sockets</p> <p>Drain bowl , Leg holders.</p> <p>FDA/CE/JIS Marked USA/UK/EEC</p> | | | | |
| 160 | <p>Operation Theatre Ceiling light</p> <p>160,000 LUX INTENSITY</p> <p>3 Steps of color Temperature selectable</p> <p>95Ra of Highest Level of CRI</p> <p>R9 90 of red color rendering ability</p> <p>Focal Size (Dia.20cm ~ Dia.30cm)</p> <p>Dilution Effect with 96 LED units (75% ~ 100%)</p> <p>4 Smart Sensors for maximizing dilution effect</p> <p>Channel Illuminating Technology</p> <p>Intuitive control with one touch panel</p> <p>Dimming Range : 25% ~ 100 %</p> <p>Endo Mode at 8,000 Lux</p> <p>Detachable & Autoclavable Hand Grip</p> <p>96 Number of LED</p> <p>Diameter of Head size :65cm or more</p> <p>Illumination Ec at 1m working dist 160,000 or better</p> <p>Ance: Min. 40,000</p> <p>Dimming range : 5 ~ 100 %</p> <p>Endo mode: 8,000</p> <p>CRI : 95</p> <p>Color temperature: 3,800/4,300/4,800</p> <p>FDA/CE/JIS Marked USA/UK/EEC</p> | 2 | | | |
| 161 | <p>Auto steam Sterilizer High Pressure</p> <p>Fully automatic Micro-processor control system. 40 liter Chamber capacity</p> <p>Auto lock pressure door with double lock . With Auto dry, re dry and exhaust function. Door close indicator. Low water indicator. Chamber and tank water level indicator. Unit should capable for</p> | 3 | | | |

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| | <p>automatic shutdown if over pressure. . Sterilization temperature / pressure:121C(1.05KG/CM2)/134C (2.07KG/CM2). 140 ° Design temperature. 3 KW Power consumption FDA/CE/JIS Marked USA/UK/EEC / <i>JAPAN</i></p> | | | |
| 162 | <p>Multi para Patient Monitor with 10 – 12 inch TFT/LCD Display Wave form display up to 8 or more Standard parameter: ECG 5 leads , NIBP , SPO2 & TEMP. Trend recording up to 64 hours or more HR Display Range: 30-300bpm or more Hard wire/wires connectivity facility for central monitoring station. Network connectivity HL7 based to transfer data to the hospital information system. Battery backup up to 3 hours or more. Complete with set of ECG electrodes, NIBP cuffs (Adult, Pediatric & Neonate) SpO2 probes 2 sets. (Adult, Pediatric, Neonate) Temp probe , local trolley with basket . FDA/CE/JIS Marked USA/UK/EEC / <i>JAPAN</i></p> | 8 | | |
| 163 | <p>Surgical Diathermy Machine Microprocessor digital technology. Mono polar and bipolar cut and coagulation. Seven different types of current. Memory function. Tissue sensing. 400W maximum out put. Audio/visual output meter. Two monopolar hand piece ports. User preset program. Unit complete with: bipolar forceps reusable bipolar forceps cable. Reusable mono polar handle with cable. Reusable twin button handle with cable. Electrodes . double foot switch. Single foot switch. Disposable dual return plate. FDA/CE/JIS Marked USA/UK/EEC / <i>JAPAN</i></p> | 4 | | |
| 164 | <p>Vital Sign Monitor Portable 5" touch screen TFT display 2 trace waveform Unit must be capable for measurement of SpO2 and NIBP for neonatal, pediatric and adult patient. SpO2: ASpO2: Anti-motion SpO2 SpO2% Range: 0 ~ 100% SpO2 Accuracy: $\pm 2\%$ (70 ~ 100%,non-motion), $\pm 3\%$ (70 ~ 100%, motion) Pulse Rate Range: 30-250 bpm Alarm Upper-lower Limit: Upper limit 70 ~ 100% NIBP Lower limit 70 ~ 100% Measuring Technology: Automatic oscillating measurement</p> | 2 | | |

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| | <p>Cuff Inflating: <30s (0 ~ 300 mmH, standard adult cuff) Measuring Period: AVE<40s Mode: Manual, Auto, STATS Unit complete with accessories Trolley (local) FDA/CE/JIS Marked USA/UK/EEC/JAPAN</p> | | | | |
| 165 | <p>Laryngoscope with 5 size Blade (Fiber) FDA/CE/JIS Marked USA/UK/EEC</p> | | 6 | | |
| 166 | <p>Ambu Bag FDA/CE/JIS Marked USA/UK/EEC</p> | | 8 | | |
| 167 | <p>Surgical Instrument set general surgery (129 Pcs) FDA/CE</p> | | 4 | | |
| 168 | <p>Surgical Instrument set general surgery (48 Pcs) FDA/CE</p> | | 4 | | |
| 169 | <p>D & C Set (38 Pcs) FDA/CE</p> | | 4 | | |
| 170 | <p>Sphygmomanometer mobile with stand (4500) FDA/CE</p> | | 4 | | |
| 171 | <p>X-Ray Machine with all Accessories 30 kW or more High frequency X-Ray Generator , 4 ways floating top table with fixed height, floor mounted tube stand, manual collimator , 140KHU X-ray tube, wall bucky stand, pair of HT cables 10m or more. Radiographic kVP 40~125kV or more in one kV step. Radiographic mA 10~300Ma or better. mAs range: 0.4~500mAs or more. Exposure time: 1 ms ~ 6s. 2 point kVp and mAs selection. 3 point kVp, mA & time selection. 300 or more Anatomical program. Electromagnetic brakes Longitudinal and lateral travel movement for table bucky, Longitudinal bucky travel. Cassette size : 18 x 24 to 35x43cm. Moving grid 8:1 . Foot switch for electro magnetic brake control. Tube support balancing System with counterweights and Electromagnetic brakes. Control panel with push button to control vertical, longitudinal and transverse travel. Column rotation +/-90deg or better. Manual collimator.</p> | | 2 | | |

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| | <p>LED light indicator for alignment with bucky. Chest bucky stand with the cassettes formats from 18X24 to 35X43 on either orientation. Moving Potter Bucky super speed. Vertical travel of bucky not less than 150cm. Moving grid: 8:1 ratio.</p> <p>Dual Focal X-ray tube : Small focus 1.0 mm and Large focus 2.0 mm. Maximum Tube voltage 125KVp and Anode Heat capacity 140 KHU. FDA/CE/JIS Marked USA/UK/EEC / JAPAN</p> | | | |
| 172 | <p>Delivery Table Local</p> | | 5 | |
| 173 | <p>Stabilizer Heavy duty large Fully automatic Micro-processor control system. 40 liter Chamber capacity Auto lock pressure door with double lock . With Auto dry, re dry and exhaust function. Door close indicator. Low water indicator. Chamber and tank water level indicator. Unit should capable for automatic shutdown if over pressure. . Sterilization temperature / pressure:121C(1.05KG/CM2)/134C (2.07KG/CM2). 140 ° Design temperature. 3 KW Power consumption FDA/CE/JIS Marked USA/UK/EEC</p> | | 2 | |
| 174 | <p>Delivery set Export quality</p> | | 10 | |
| 175 | <p>Baby Resuscitation Trolley Resuscitation Trolley. Operational condition : +18°C ~ + 30°C. Environment temperature. : 30% ~75%. Environment relative humidity : <0.3m/s . Temperature control mode: Pre-heat, auto and manual . Temperature control range : 25°C ~37°C . Temperature override mode to : 38°C. Temperature sensor accuracy: <=0.3°C. Mattress temperature infirmity : <=2.0°C. Temperature raise time : <=45 min . Heat out put indicate : 0~100%. Radiant box horizon angle adjust range : 0~+/-90° step-less Mattress tray size : 68cm x 56cm . Mattress tray max load: 10 kg . Transfusion pole max load : 2 kg . Shelf max load : 2 kg . R-232 connector Mattress to radiant box: 81 cm . Heat infrared wave length Power failure alarm . Sensor failure alarm .</p> | | 2 | |

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| | <p>Temperature deviation alarm : +/-1.0°C . Over temperature alarm : <=38.0°C , <= 39.0°C . System failure alarm. Low pressure suction. Pressure adjust range : 0~22Kp (0~165mmHg) . Operating noise: <= 55dB. White photo therapy light : 1 set . 7L Oxygen cylinder . (with oxygen manometer and oxygen flow meter): 2 set . neonate resuscitation bag FDA/CE/JIS Marked USA/UK/EEC/ <i>Japan</i></p> | | | |
| 176 | <p>Baby Cots Imported</p> | 8 | | |
| 177 | <p>Peads Ventilator Adult, Peads and Neonate Touch screen LCD 12" or more display with turbine Modes of Ventilation ACMV, SIMV, Spontaneous Ventilation Volume based : V-CMV; V-SIMV Spontaneous based: CPAP + Pressure support, CPAP+ Volume support Volume controlled pressure target ventilation. Tidal volume : 5 - 2000 ml Pcontrol3 - 70 cmH2O Psupport 0 - 80 cmH2O Peak flow (mandatory) up to 115lpm I-Times 0.1 - 10.0 sec Oxygen concentration 21 - 100% Breath Types Breath Triggering Flow triggering 0.1 - 20lpm Monitoring display Delivered oxygen concentration 21-100% Trend Data (70 hours or more) Pressure: Ppeak, Pmean, PEEP/CPAP, Pplateau, Flow:Inspiratory flow & Expiratory flow Minute volume Spontaneous tidal volume Time:Inspiratory & Expiratory time Lung mech:Cstat, Auto PEEP, RSBI, PMax PO.I/PiMax Loops : flow & pressure volume loop, pressure & time loop , flow & time loop Alarm: complete set of alarm for gas, pressure, volume, power cut off, patient disconnect etc. Battery backup of 2 hours or more. Built in trolley from same Manufacturer</p> | 2 | | |

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| | <p>Patient circuit support arm 10 x disposable Patient circuit FDA/CE/JIS Marked USA/UK/EEC</p> | | | |
| 178 | <p>Baby Incubator Intensive care incubator with air and skin temperature control. Control module with micro processed servo controlled system</p> <p>Skin and air temperature probes. Seven alarms and foldable front door. Double wall and passive humidity control . Configurable to support and mount a wide range of accessories . Tilt mechanism (+/- 10o) Cabinet stand with central column with two side double drawers , lateral protection, four wheels and two brakes. Unit should complete with four automatic ports , two lateral iris ports and six ports for tubing, sliding mattress tray with trendelenburg and fowler positing x-rays transparent. FDA/CE/JIS Marked USA/UK/EEC / JAPAN .</p> | 4 | | |
| 179 | <p>Photo Therapy Machine Input power : ≤ 200VA . Light source: blue light tube .Tube quantity: 5 .Light source effective life : 2000hours . Wave length: 425nm~475nm .Light radiancy : ≤550uW/cm². Time display range : 999h 59min. Display time accuracy : 2 h +/- 1 min . Adjust angle 30° , 60° , 90° FDA/CE/JIS Marked USA/UK/EEC / JAPAN .</p> | 2 | | |
| 180 | <p>Adult Ventilator with all accessories Adult, Peads and Neonate Touch screen LCD 12" or more display with turbine Modes of Ventilation ACMV, SIMV, Spontaneous Ventilation Volume based : V-CMV; V-SIMV Spontaneous based: CPAP + Pressure support, CPAP+ Volume support Volume controlled pressure target ventilation. Tidal volume : 5 - 2000 ml Pcontrol3 - 70 cmH2O Psupport 0 - 80 cmH2O Peak flow (mandatory) up to 115lpm I-Times 0.1 - 10.0 sec Oxygen concentration 21 - 100% Breath Types Breath Triggering Flow triggering 0.1 - 20lpm</p> | 1 | | |

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| | <p>Monitoring display Delivered oxygen concentration 21-100% Trend Data (70 hours or more) Pressure: Ppeak, Pmean, PEEP/CPAP, Pplateau, Flow: Inspiratory flow & Expiratory flow Minute volume Spontaneous tidal volume Time: Inspiratory & Expiratory time Lung mech: Cstat, Auto PEEP, RSBI, PMax PO.I/PiMax Loops : flow & pressure volume loop, pressure & time loop , flow & time loop Alarm: complete set of alarm for gas, pressure, volume, power cut off, patient disconnect etc. Battery backup of 2 hours or more. Built in trolley from same Manufacturer Patient circuit support arm 10 x disposable Patient circuit FDA/CE/JIS Marked USA/UK/EEC</p> | | | |
| 181 | <p>Hot air oven Capacity : 34L. Microprocessor Control system. Temp control: PID. Digital Temp setting . Digital Temp readout. Air convection: Forced convection by fan. Temp uniformity $\pm 2.0^{\circ}\text{C}$ at 55°C . Temp stability $\pm 0.5^{\circ}\text{C}$ at 37°C. Over-temp alarm & shutout : Yes, 4°C to the set point. Timer : Digital, 99 hr. 59min. + HOLD. Temperature range : Digital, 99 hr. 59min. HOLD Standard accessory : 2 S/S mesh shelves, adjustable FDA/CE/JIS Marked USA/UK/EEC / <i>JAPAN</i>.</p> | | 2 | |
| 182 | <p>Electronic Sterilizer Tabletop sterilizer. 25 liter chamber capacity. Dry , re dry function. Auto exhaust function. Using Pressure: Unwrapped /wrapped liquid. And Temperature $115-134^{\circ}/0.9-2.1\text{kg}/\text{cm}^2$. Designed temperature : 140°. Safety device : Overheat (Low water) cut off switch safety valve and release valve emergency exhaust .valve door safety holder pressure control switch FDA/CE/JIS Marked USA/UK/EEC</p> | | 4 | |
| 183 | <p>Compressor For Dental Unit FDA/CE</p> | | 1 | |

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| 184 | RBC,WBC,HBC,Pipettes and stand (USA/UK/Europe) | | 1 | | |
| 185 | Counting Chamber Local | | 2 | | |
| 186 | <p>Blood Gas Analyzer</p> <p>Type Parameter</p> <p>pH pH</p> <p>Blood Gas pCO₂, pO₂</p> <p>Electrolytes cCa²⁺, cCl⁻, cK⁺, cNa⁺</p> <p>Glucose cGlu</p> <p>Hematocrit Hct</p> <p>Oximetry ctHb, sO₂, FO₂HB, FCOHb, FMetHb, FHHb</p> <p><u>Solution Pack</u></p> <p>In-use life depend on number of patients and QC samples and frequency of calibration up to 30 days maximum Shelf life 20 days (without CO-OX), 90 days (with CO-OX)</p> <p>Pouch volume -440 ml</p> <p>Fluidic cycles 230</p> <p>Storage temperature 12-12 °C/54-77 °F</p> <p><u>Calibration data</u> <u>Default interval</u></p> <p>Automatic: 1-point cal With measurement</p> <p>Automatic: 2-point cal 8 hours</p> <p>as part of system cycle</p> <p><u>Derived parameter</u></p> <p>cHCO₃ (P), cBase(B), cBase(B,ox), cBase(Ecf),cBase(Ecf, ox)cHCO₃ (P,st), ctCO₂ (P), ctCO₂ (B), cCa²⁺(7.40), Anion Gap(K+) Anion Gap, ctO₂, sO₂, CtHb, pO₂ (A), pO₂ (a/A), pO₂ (A-a), RI, mOsm, p5O, p5O(st), pO₂(a)/FO₂ (I), DO₂, Hct,pO₂ (x),BO₂, FShunt, VO₂, Qx,Q₁, V(B), (T)</p> <p><u>Hardware</u></p> <p>Full visual graphic array (VGA)</p> <p>Full active thin Film transistor (TFT)</p> <p>800X600 resolution</p> <p>Resistive touch screen</p> <p><u>Software</u></p> <p>Autoprint (on/off)</p> <p>Select derived parameters</p> <p>Five lines for custom header</p> <p>Temperature corrected results</p> <p>QC ranges with results</p> <p>Select input variables</p> <p>Measured / default ctHb</p> <p>Reference ranges with results</p> <p>Analyzer name (user-defined)</p> <p>Supply with start-up kit.</p> <p>FDA/CE/JIS Marked</p> | | 5 | | |

| | | | | |
|-----|---|--|---|--|
| | USA/UK/EEC / <i>JAPAN</i> | | | |
| 187 | A/C 2 Tons Split Type With installation Dawlance/ Haier /LG etc | | 6 | |
| 188 | Electrolyte Analyzer Sample Whole Blood, Serum, Plasma, or Urine Sample Size 100ul Whole Blood, Serum or Plasma 60ul Capillary Sample 400ul diluted (1:10) Urine Detection Range Blood Na+:20-200mmol/L, K+:0.2-40mmol/L, Cl-:25-200mmol/L Urine Na+:25-1000mmol/L (undiluted), K+:1.0-500mmol/L (undiluted), Cl-:25-500mmol/L (undiluted) Analysis Time: 55 sec (Blood), 90 sec (Urine) Data Storage : 125 patient results, 20 normal QC results, 40 abnormal QC results Calibration : Automatic or On Demand Reproducibility Typical within run (n=20) Blood, Serum, Plasma Na+:CV≤1%(80-200 mmol/L) K+:CV≤2%(1-10 mmol/L) Cl-:CV≤2%(80-200 mmol/L) Urine Na+:CV≤5%(25-1000 mmol/L) K+:CV≤5%(1-500 mmol/L) Cl-:CV≤5%(25-1000 mmol/L) Output 16x2 place alphanumeric display 40 column printer Serial Port (RS-232) Auto Sampler port Ambient Conditions 15-32degreeC(60-90degreeF), less than 85% humidity FDA/CE/JIS Marked USA/UK/EEC / <i>JAPAN</i> | | 5 | |
| 189 | Weighing Machine FDA/CE | | 4 | |
| 190 | Emergency Box Export quality | | 3 | |
| 191 | Dressing Trolley Export quality | | 2 | |
| 192 | Instruments Trolley | | 2 | |

| | | | | | |
|-----|--|--|---|--|--|
| | Export quality | | | | |
| 193 | Instruments Tray 18" x 14" 1.5 with cover (S/S) Export quality | | 4 | | |
| 194 | Small Bowls Export quality | | 2 | | |
| 195 | Big Bowls Export quality | | 2 | | |
| 196 | Weighing Machine for adults (Bathroom scale) Imported | | 2 | | |
| 197 | B.P. Apparatus Mercury type Imported | | 8 | | |
| 198 | Scissor Export quality | | 6 | | |
| 199 | Stitches Material with cutter Imported | | 1 | | |
| 200 | Artery Forceps Export quality | | 2 | | |
| 201 | Vaccine Carrier Imported | | 2 | | |
| 202 | Stabilizer Large Imported | | 5 | | |
| 203 | Oxygen Cylinder with flowmeter and Mask (Standard) 48/c liter BOC tested | | 8 | | |
| 204 | Cheetles Force ps 9" Export quality | | 3 | | |
| 205 | Jug & Pint Size S/S Export quality | | 2 | | |
| 206 | Artery forceps 6" (Mosquito Type) Export quality | | 2 | | |
| 207 | Electric Sterilizer | | 2 | | |
| 208 | Dressing Drum 10 x 10 diameter S/S Export quality | | 3 | | |
| 209 | Tongue Depressor Imported | | 2 | | |
| 210 | Needle suture straight a) Size 4 Dozen b) Size 8 Dozen c) Size 14 Dozen export quality | | 3 | | |
| 211 | Breast Pump Imported | | 4 | | |
| 212 | Pelvimeter Imported | | 2 | | |

| | | | | |
|-----|---|----|--|--|
| 213 | Enema Cane along with Tube & Nozzle Imported | 2 | | |
| 214 | Focto Scope Imported | 2 | | |
| 215 | Ryles Tube Imported | 2 | | |
| 216 | Stomach wash Tube Imported | 2 | | |
| 217 | Lumber Punchy Needle Imported | 2 | | |
| 218 | Rubber Cathetor Assorted Size Imported | 10 | | |


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