


**REPAIR OF BIOMEDICAL EQUIPMENTS UNDER BIOMEDICAL EQUIPMENT
MAINTENANCE PROGRAM (BEMP)**

Recommendations for Beyond Economic Repair (BER)

PROFORMA

Sl. No	Particulars	Details
1	Name of District	KOZHIKODE
2	Name of Hospital	GH KOZHIKODE
3	Name of Equipment with Make, Model and Serial Number	Equipment: Dialysis Machine Make: Fresenius Medical Care Model: 40008S SN:3SXAN542
4	Equipment ID & Barcode	102873 & 1113082
5	Date of purchase / Year of manufacture /Installation Date	9-12-2014 (Actual installation date is 6-11-2013, stock book attached for reference)
6	Warranty details (Yes/No)	NO Warranty
7	*AMC/ CAMC Period agreed at the time of purchase	NO AMC/CAMC
8	Date of breakdown(Date of registration of complaint through email/ Toll free)	22-03-2024
9	Action taken	Checked and found TFT Display, Mother board, Micro display controller, Output board HPU with distributing bar , SMT Input board for ocm ,Universal membrane pumps and Castor with profile defective. Enquired spares with OEM
10	Present status of the equipment (Fully damaged / partially damaged)	Fully damaged
11	Recommendations for repair (required service details)	Not recommending for repair
12	Cost of spares (specify parts and cost)	1)TFT colour display- 1 nos =58987/- 2)Mother board- 1 nos = 44963/- 3)Display Controller- 1 nos =45957/- 4)Output Board- 01 nos =42469/- 5)HPU with Distributing bar- 1 nos =58586/- 6)SMT Input board for OCM- 1 nos =55131/- 7)Universal Membrane pump -2 nos =63029/- 8)Castor with profile -4 nos = 11838/- TOTAL=380961/- GST =61483.3/- GRAND TOTAL= 442444/-

13	Asset Value	506667/-
14	# Percentage value of the cost of spares with respect to Cost of Purchase/ Asset Value	87.32%
15	Abstract of Service Report provided by the OEM/ Authorized Service Provider/ CYRIX (Attached or Not)	Cyrix service report attached and vendor quotation attached
16	Reasons for recommending the equipment as BER	Checked and found TFT Display, Mother board, Micro display controller, Output board HPU with distributing bar, SMT Input board for ocm, Universal membrane pump and Castor with profile defective. In software installation date is 09-12-2014, As per the stock book Machine is installed on 06-11-2013. Equipment out lived 10 years 5 month. Repairing cost of the equipment is 87.32 % both criteria for RBER met. As per tender clause 5.3.14.1 we recommending the equipment for condemnation.
17	Name & Signature of CYRIX Authority	RAMLAL R 

*Not mandatory

#Based on the period of life and value as per the BER guidelines


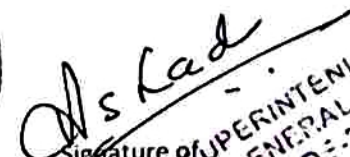
* Attach Photograph

Remarks and Recommendations of Junior Consultant (Biomedical) NHM:

Checked and found that TFT display Mother board, micro display controller, output board HPU with distributing bar, SMT input board for ocm, universal membrane pump and castor with profile defective. Machine installed on 6-11-2013. So recommended for

Signature of JCBM (NHM)

Consultant Bio Medical Engineer
National Health Mission
Kozhikode

		 Signature of SUPERINTENDENT JVT. GENERAL HOSPITAL Kozhikode-32 BEAC
Date	Seal	Superintendent/ Medical Officer (i/c)



**BIOMEDICAL EQUIPMENT
MAINTENANCE PROGRAMME
UNDER
NATIONAL HEALTH MISSION**



SERVICE PROVIDER
Tender No. WO-37/2021-2022/698

CYRIX
HEALTHCARE PVT LTD

No. : 173238

ISO 13485 : 2012 & ISO 9001-2008 CERTIFIED COMPANY | AERB Approved Service Agency

Service Report 30/64 1 B, Petta Junction, Poonithura, Kochi - 682 038, Kerala
Ph : 98472 99500 Website : www.cyrrix.com | E-mail : bemp.kl@cyrix.in

Health Facility ... <u>GH Kozhikode</u>	Call Registration Date : <u>22/03/2024</u>
Address ... <u>Kozhikode</u>	Caller ID : <u>102873</u>
Ph : <u>9048085002</u>	Date of Visit : <u>22/3/2024</u>
	Asset No. : <u>1113082</u>
	EQPT Name : <u>Dialysis machine</u>
	Manufacture <u>Fresenius</u> Model : <u>40085</u>
	S. No. <u>35XAN542</u> Dept. <u>Dialysis</u>

Service Classification : Breakdown Call PMS Calibration Cust.Training

Problem Identified : flow alarm , HPU Error , Hepain pump issue

Action Taken : checked and found that problem with output board , Hepain pump board , so taken these spares for service purpose will return as soon as possible

Completed Date : 22/3/24 Time : 5-40pm Spare Required

Spare Replaced Requested

Description	Qty.	Part Number	PR Number
1. <u>NA</u>			
2. <u>NA</u>			
3. <u>NA</u>			

Cyrux Engineer	Date	Start Time	End Time
<u>JINEESH-PP</u>	<u>22/3/24</u>	<u>5 pm</u>	<u>5-40 pm</u>

Customer Remark Completed Pending

Service Engineer Name : JINEESH-PP
Signature : [Signature]
Date : 22/3/2024
Contact Number : 8943527662

Customer Name : [Signature]
Signature : [Signature]
Date : 22/3/24
Contact Number : [Signature]
Designation : Murugan officer wr I
Hospital Seal :





BIOMEDICAL EQUIPMENT MAINTENANCE PROGRAMME UNDER NATIONAL HEALTH MISSION



SERVICE PROVIDER
Tender No. WO-37/2021-2022/698

CYRIX

HEALTHCARE PVT LTD

No. : 177891

ISO 13485 : 2012 & ISO 9001-2008 CERTIFIED COMPANY | AERB Approved Service Agency

Service Report

30/64 1 B, Petta Junction, Poonithura, Kochi - 682 038, Kerala
Ph : 98472 99500 Website : www.cyrilx.com | E-mail : bemp.kl@cyrix.in

<p>Health Facility <i>GH Kozhikode</i></p> <p>Address <i>Kozhikode</i> <i>Kerala</i></p> <p>Ph : <i>7736553692</i></p>	<p>Call Registration Date : <i>22/03/2024</i></p> <p>Caller ID : <i>102873</i></p> <p>Date of Visit : <i>27/03/2024</i></p> <p>Asset No. : <i>1113082</i></p> <p>EQPT Name : <i>Dialysis Machine</i></p> <p>Manufacture <i>Fresenius</i> Model : <i>4008S NG</i></p> <p>S. No. <i>35XAN542</i> Dept. <i>Dialysis Unit</i></p>
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Service Classification : Breakdown Call PMS Calibration Cust.Training

Problem Identified :
Flow alarm, HP2 error E14, Heparin Pump issue.
Note:- Machine was transferred from DH Vadakkal to GH Kozhikode and presently is

Action Taken :
Machine were checked on 22/03/2024 and PCB LP634 output board, PCB LP950 heparin pump board were taken for repair.
Installed the boards after service but issue remains same.
Need to replace the same to sort out any further issue with machine.

Completed Date : ... *27/03/2024* Time : *10:00 AM* Spare Required

Spare Replaced Requested

Description	Qty.	Part Number	PR Number
1. PCB LP 634 output board *4008S v10	01	NB	NB
2. PCB LP 950 Board for heparin pump	01	NB	NB
3.			

Cyrilx Engineer	Date	Start Time	End Time
<i>Ramkumar A</i>	<i>27/03/2024</i>	<i>08:00 am</i>	<i>10:00 am</i>

Customer Remark Completed Pending

<p>Service Engineer Name : <i>Ramkumar A</i></p> <p>Signature : <i>Ramkumar A</i></p> <p>Date : <i>27/03/2024</i></p> <p>Contact Number : <i>7593847160</i></p>	<p>Customer Name : <i>Govt General Hospital</i></p> <p>Signature : <i>Ashaad</i></p> <p>Date : <i>27/03/2024</i></p> <p>Contact Number : <i>8086568535</i></p> <p>Designation : <i>General Officer</i></p> <p>Hospital Seal: <i>GOVT GENERAL HOSPITAL Kozhikode-32 BEAR...</i></p>
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BIOMEDICAL EQUIPMENT MAINTENANCE PROGRAMME UNDER NATIONAL HEALTH MISSION



SERVICE PROVIDER
Tender No. WO-37/2021-2022/698

CYRIX

HEALTHCARE PVT LTD

No. : 177949

ISO 13485 : 2012 & ISO 9001-2008 CERTIFIED COMPANY | AERB Approved Service Agency

Service Report 30/64 1 B, Petta Junction, Poonithura, Kochi - 682 038, Kerala
Ph : 98472 99500 Website : www.cyrrix.com | E-mail : bemp.kl@cyrix.in

<p>Health Facility <i>GH, Kozhikode</i>.....</p> <p>Address <i>Kozhikode</i>.....</p> <p>..... <i>Kerala</i>.....</p> <p>Ph : <i>7736553692</i>.....</p>	<p>Call Registration Date : <i>22/03/2024</i>.....</p> <p>Caller ID : <i>102873</i>.....</p> <p>Date of Visit : <i>08/04/2024</i>.....</p> <p>Asset No. : <i>1113082</i>.....</p> <p>EQPT Name : <i>Dialysis Machine</i>.....</p> <p>Manufacture <i>Fresenius</i>..... Model : <i>40085</i></p> <p>S. No. <i>35XAN542</i>..... Dept. <i>Dialysis Unit</i>.....</p>
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Service Classification : Breakdown Call PMS Calibration Cust.Training

Problem Identified : *Flow alarm, HPI error E14, Heparin Amp issue*
Blurred Display. Turns OFF machine automatically after turn ON.

Action Taken : *Checked machine. Found TFT colour Display, Motor board, MDC board, Output board, HPI with distributing bar, Input board, Universal membrane (amp), and castor with Profile (4 nos) defective. Need to replace these spares to sort out any further issues with the machine.*

Completed Date : *08/04/2024* Time : *04:00 pm* Spare Required

Spare Replaced Requested

Description	Qty.	Part Number	PR Number
1.			
2.			
3.			

Cyril Engineer	Date	Start Time	End Time
<i>Ramul. R</i>	<i>08/04/2024</i>	<i>10:30 am</i>	<i>04:00 pm</i>

Customer Remark Completed Pending

<p>Service Engineer Name : <i>Ramul. R</i></p> <p>Signature : <i>Ramul</i></p> <p>Date : <i>08/04/2024</i></p> <p>Contact Number : <i>7593847160</i></p>	<p>Customer Name : <i>[Signature]</i></p> <p>Signature : <i>[Signature]</i></p> <p>Date : <i>8/4/24</i></p> <p>Contact Number : <i>9068085002</i></p> <p>Designation : <i>Nursing officer of RI</i></p> <p>Hospital Seal : <i>[Seal]</i></p>
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STOCK BOOK OF

8 --

Name of article: Hæmodialyser machine

Date	From whom received or to whom issued	Receipt	Issued	Balance	Batch No Exp. Date Mfg. Date	Price per Unit	Remarks
	Brought Forward			11			
	ISSUED FOR USE		11				
19/8/23	Received from drug store	5		16			₹
	Type: 4008 S						
	1) 8SXAD9H - 21.9.2018						
	2) 3SXAN542 - 6/11/2013						
	3) 4SXABF3H - 15/12/2014						
	4) 8SXAYCH5 - 8/5/2018						
	5) 5SXADN79 -						
	1/2 in from Vadekare district						
	Hospital dialysis unit						
	(Dhanwanthari dialysis unit)						
25/3	Machine not working. Replaced by Dy. Sr. BME. 1/2 unit 1/2 unit 1/2 unit						
	Register page no: B-30001						

Ashad

SUPERINTENDENT
GOVT. GENERAL HOSPITAL
KOZHIKOD-32 BEACH



GRAHAMS PHARMACEUTICALS

46/2373C, Chakkaraparambu Road, Kottankavu Junction, Vennala PO, Cochin-28,

Ph: 0484-2807376, 2106068, 2808376

E-mail: grahamspharmaceuticals@yahoo.com

KER/APR24/067

Quotation

Date: 23-04-2024

Customer: Cyrix Healthcare Pvt Ltd (Govt. General Hospital-Kozhikode)

Equipment: HD Machine

Serial No:

S. No.	Description	Part No	Rate (Rs)	GST	Qty	Amount
1	TFT-COLOUR-DISPLAY 10,4" *4008H/S *4008S V10 *P	M353201	58987	18%	1	58987
2	P.C.B. LP 630 MOTHERBOARD *4008B/H/S *4008S V1	M473721	44963	18%	1	44963
3	P.C.B. MDC III MICRO DISPLAY CONTROLLER *4008S *	M509861	45957	18%	1	45957
4	P.C.B. LP 634 OUTPUT BOARD *4008B/H/S *400S V10	M570571	42469	18%	1	42469
5	P.C.B. LP 941 HPU WITH DISTRIBUTING BAR *4008B/H	6767291	58586	18%	1	58586
6	P.C.B. LP 633-5 SMT INPUT BOARD FOR OCM *4008B/	M304081	55131	12%	1	55131
7	UNIVERSAL MEMBRANE PUMP	M307151	31515	12%	2	63029
8	CASTOR WITH PROFILE *5008S *4008S V10 *ART *60	M450511	2960	18%	4	11838
9						
10						
11						
12						
13						
14						
15						
Rupees: Four Lakh Forty Two Thousand Four Hundred and Forty Four Only			TOTAL			380961
			GST			61483.3
			GRAND TOTAL			442444

1. Payment Terms : Immediate After Delivery

2. Quotation Validity: 30 Days

For any further clarification, Kindly contact

Mr. Gunasekaran D(8086026265)



Re: Quotation-067-Cyrix Healthcare Pvt Ltd (Govt. General Hospital- Kozhikode)

1 message

Grahams Pharmaceuticals <grahamspharmaceuticals@yahoo.com> Thu, Apr 25, 2024 at 2:00 PM
Reply-to: Grahams Pharmaceuticals <grahamspharmaceuticals@yahoo.com>
To: Anjitha T L <purchasecyrix2@gmail.com>
Cc: Cyrix Purchase Mgr. <purchasemgr@cyrix.in>, Project Manager KLBEMP <pm.bempkl@cyrix.in>, Assistant Manager Purchase <ampurchase@cyrix.in>, Blesson Jose <zm2.klbemp@cyrix.in>, Sarang KM <sarangcyrix@gmail.com>, Jineesh P P <jineeshcyrix@gmail.com>, D. Gunasekaran <d.gunasekaran@freseniusmedicalcare.com>

Sir,

Please find.

Regards,

Tesmol

Grahams Pharmaceuticals

46/2373/C,
Chakkaraparambu Road,
Kottankavu Junction,
Vennala P.O,
Ernakulam. PIN:- 682 028

Office: 0484- 2807376,
0484 -2808376

"Do not dwell in the past, do not dream of the future, concentrate the mind on the present moment."

On Tuesday, 23 April, 2024 at 05:29:28 pm IST, Grahams Pharmaceuticals <grahamspharmaceuticals@yahoo.com> wrote:

Dear Sir,

Please find the Quotation.

This is with reference to our discussion regarding purchase of **Fresenius Hemodialysis Machine spares.**

Further, we would like to inform you that we are the authorised distributor of **M/s Fresenius Medical Care India Pvt Ltd** and are currently operating from Cochin.

We are pleased to quote our best lowest possible rates for your esteemed Institution & hope that you will find the offer competitive & look forward to have favourable response.

Thanking you and assuring you our best services at all the time.

Regards,

Office: 0484- 2807376,
0484 -2808376

"Do not dwell in the past, do not dream of the future, concentrate the mind on the present moment."

On Tuesday, 23 April, 2024 at 05:24:00 pm IST, Grahams Pharmaceuticals <grahamspharmaceuticals@yahoo.com> wrote:

Dear Sir,

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Thanking you and assuring you our best services at all the time.

Regards,
Tesmol

Grahams Pharmaceuticals

46/2373/C,
Chakkaraparambu Road,
Kottankavu Junction,
Vennala P.O,
Ernakulam. PIN:- 682 028

Office: 0484- 2807376,
0484 -2808376

"Do not dwell in the past, do not dream of the future, concentrate the mind on the present moment."

On Monday, 22 April, 2024 at 10:09:15 am IST, Anjlitha T L <purchasecyrix2@gmail.com> wrote:

Dear sir,

As discussed with you over phone. please arrange the spare quotation for dialysis machine at GH Kozhikode.

Barcode no: 1113082
Ticket Id : 102873
Make : Fresenius Medical Care
Model : 4008S
SN : 3SXAN542

SL.NO	Description	Part No	Qty
1	Power supply *4008S v10	M500781	1
2	TFT Display Colour Display 10.4" *4008S V10	M353201	1
3	P.C.B LP630 Motherboard *4008S V10	M421061	1
4	P.C.B MDC III(Micro Display Controller)*4008S V10	M509861	1
5	P.C.B LP634 SMT Output board *4008S V10	M570571	1
6	P.C.B LP941 HPU with distributing bar *4008S V10	6767291	1
7	P.C.B LP 633-5 SMT Input Board *4008S V10	M304081	1
8	Air seperator Bic. For machines with advanced hydrolics and Bibag *4008S V10	6777041	1
9	Membrane pump Conc./Bic. Universal *4008S V10	M307151	2
10	Castor with profile *4008S V10	M450511	4

Thanks & Regards

Anjitha T L
Purchase Assistant
PH:- 9947719111
purchasercyrix2@gmail.com
www.cyrixhealthcare.com

Cyrix Healthcare Pvt Ltd
| 30/641 B | Pettah Jn | Poonithura | Cochin -38 | Kerala | India
KERALA || KARNATAKA || TAMIL NADU || UTTAR PRADESH