


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

**Recommendations for Beyond Economic Repair (BER)**

**PROFORMA**

<b>Sl. No</b>	<b>Particulars</b>	<b>Details</b>
1	Name of District	Wayanad
2	Name of Hospital	CHC Nalloorad
3	Name of Equipment with Make, Model and Serial Number	Equipment-Infusion pump Make-Trivitron Model- I-01 Sn-110F130K153
4	Equipment ID/ Barcode	1231138//TICKET -117834
5	Date of purchase/ Year of manufacture/Installation Date	20/12/2013
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)	18/06/2024/Toll free
9	Action taken	Checked and found Drop sensor, main board and battery defective. Need to replace the above spare. Enquired OEM for quotation
10	Present status of the equipment (Fully damaged / partially damaged)	Fully damaged
11	Recommendations for repair (required service details)	No recommendation
12	Cost of spares (specify parts and cost)	N/a

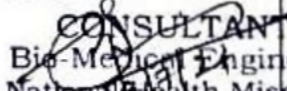
13	Asset Value	27000/-
14	# Percentage value of the cost of spares with respect to Cost of Purchase/ Asset Value	N/A
15	Abstract of Service Report provided by the OEM/ Authorized Service Provider/ CYRIX (Attached or Not)	EOL Letter from OEM (Trivitron) Cyrix service report
16	Reasons for recommending the equipment as BER	Checked and found Drop sensor, Main board and Battery defective. Equipment installed on 20/12/2013, aged up to 11 years and 7 months. OEM informed that this machine is obsolete model and spare parts not available. End of life letter issued by OEM. As per tender clause 5.3.14.2 we recommend the machine for condemnation
17	Name & Signature of CYRIX Authority	NIYAS HADI AP 

\*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:

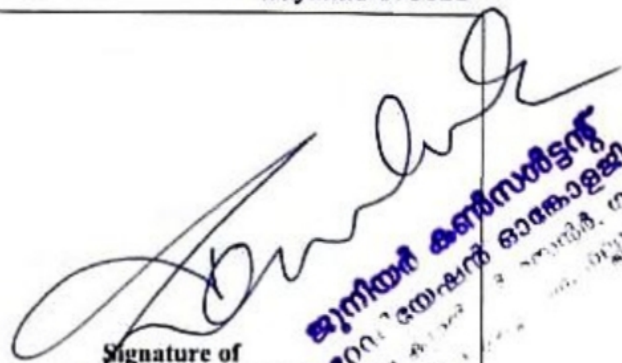
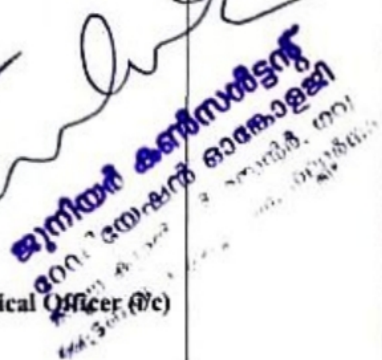
Battery, Main board and Drop sensor are defective. OEM's declared 'End of life' of this model. Spare is not available. Recommended condemnation.

CONSULTANT  
Bio-Medical Engineer  
National Health Mission  
Signature of  (NHM)  
Wayahad-673122

Condemnation Recommended

Date:



  
Signature of  
Superintendent/Medical Officer (D/C)  




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



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

**CYRIX**  
HEALTHCARE PVT LTD

No. : 226044

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

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

Health Facility <u>CHC</u>	Call Registration Date : <u>18/06/24</u>
Address <u>CHC Nalloorad,</u>	Caller ID : <u>117834</u>
<u>Wayanad.</u>	Date of Visit : <u>20/06/24</u>
Ph : <u>8943373625</u>	Asset No. : <u>1231138</u>
	EQPT Name : <u>Infusion Pump</u>
	Manufacture <u>Trivitron</u> Model : <u>Intrafuse</u>
	S. No. <u>110F13K0153</u> Dept. <u>Art Radiotherapy</u>

Service Classification : Breakdown Call  PMS  Calibration  Cust.Training

Problem Identified : Showing error

Action Taken : Checked and found Drop sensor, main board, and battery defective. Needs to replace the same.

Completed  Date : 20/06/24 Time : 4:30PM Spare Required

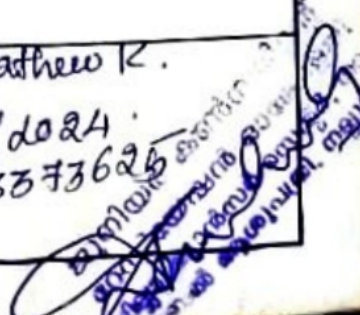
Spare Replaced  Requested

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

Cyrix Engineer	Date	Start Time	End Time
<u>Ameer.C.H</u>	<u>20/06/24</u>	<u>2:30PM</u>	<u>4:30PM</u>

Customer Remark  Completed  Pending

Service Engineer Name : <u>Ameer.C.H</u>	Customer Name : <u>Shy Mathew K.</u>
Signature : <u>[Signature]</u>	Signature : <u>[Signature]</u>
Date : <u>20/06/24</u>	Date : <u>20/06/2024</u>
Contact Number : <u>7994374680</u>	Contact Number : <u>8943373625</u>
	Designation : <u>[Signature]</u>
	Hospital Seal : <u>[Signature]</u>





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## REQUIRED SPARE QUOTATION

5 messages

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**DM Sarang-KLBEMP** <dm1.klbemp@cyrix.in> Sat, 13 Jul 2024 at 11:36 am  
To: PADMANABAN S <padmanaban.s@kiranxray.com>  
Cc: Niyas Hadi AP <niyascyrix@gmail.com>, Blesson Jose <zm2.klbemp@cyrix.in>

Dear sir

Please share the price and stock availability of following spare

1-Drop sensor

2-main board

3-Battery

Equipment details

Equipment name -infusion pump

Make -Trivitron

Model -i 01

Sn-110F130k153

Please find the attached photos for reference

**Thanks & Regards**

**Sarang.k.m**

**Divisional Manager | North Zone**

**Bemp-Kerala**

**Mobile : +91 7593847150**

**Email : dm1.klbemp@cyrix.in**

**CYRIX HEALTHCARE (P) LTD**

**30/641B | Petta | Punithura | Kochi | Kerala- 682038**

[www.cyrixhealthcare.com](http://www.cyrixhealthcare.com)

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**DM Sarang-KLBEMP** <dm1.klbemp@cyrix.in> Tue, 16 Jul 2024 at 9:49 pm  
To: PADMANABAN S <padmanaban.s@kiranxray.com>  
Cc: Niyas Hadi AP <niyascyrix@gmail.com>, Blesson Jose <zm2.klbemp@cyrix.in>

Dear sir

Reminder

Kindly share the quotation

**Thanks & Regards**

**Sarang.k.m**

**Divisional Manager | North Zone**

**Bemp-Kerala**

**Mobile : +91 7593847150**

**Email : dm1.klbemp@cyrix.in**

**CYRIX HEALTHCARE (P) LTD**  
30/641B | Petta | Punithura | Kochi | Kerala- 682038  
[www.cyrixhealthcare.com](http://www.cyrixhealthcare.com)

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**From:** DM Sarang-KLBEMP  
**Sent:** 13 July 2024 11:36  
**To:** PADMANABAN S <[padmanaban.s@kiranxray.com](mailto:padmanaban.s@kiranxray.com)>  
**Cc:** Niyas Hadi AP <[niyascyrix@gmail.com](mailto:niyascyrix@gmail.com)>; Blesson Jose <[zm2.klbemp@cyrix.in](mailto:zm2.klbemp@cyrix.in)>  
**Subject:** REQUIRED SPARE QUOTATION

[Quoted text hidden]

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**DM Sarang-KLBEMP** <[dm1.klbemp@cyrix.in](mailto:dm1.klbemp@cyrix.in)>  
**To:** PADMANABAN S <[padmanaban.s@kiranxray.com](mailto:padmanaban.s@kiranxray.com)>  
**Cc:** Niyas Hadi AP <[niyascyrix@gmail.com](mailto:niyascyrix@gmail.com)>, Blesson Jose <[zm2.klbemp@cyrix.in](mailto:zm2.klbemp@cyrix.in)>

Fri, 19 Jul 2024 at 3:07 pm

Dear sir

Reminder

Kindly share the quotation

**Thanks & Regards**

**Sarang.k.m**  
**Divisional Manager | North Zone**  
**Bemp-Kerala**  
**Mobile : +91 7593847150**  
**Email : [dm1.klbemp@cyrix.in](mailto:dm1.klbemp@cyrix.in)**

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[www.cyrixhealthcare.com](http://www.cyrixhealthcare.com)

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**From:** DM Sarang-KLBEMP <[dm1.klbemp@cyrix.in](mailto:dm1.klbemp@cyrix.in)>  
**Sent:** 16 July 2024 21:49

**To:** PADMANABAN S <[padmanaban.s@kiranxray.com](mailto:padmanaban.s@kiranxray.com)>  
**Cc:** Niyas Hadi AP <[niyascyrix@gmail.com](mailto:niyascyrix@gmail.com)>; Blesson Jose <[zm2.klbemp@cyrix.in](mailto:zm2.klbemp@cyrix.in)>  
**Subject:** Re: REQUIRED SPARE QUOTATION

[Quoted text hidden]

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**PADMANABAN S** <[padmanaban.s@kiranxray.com](mailto:padmanaban.s@kiranxray.com)>  
**To:** DM Sarang-KLBEMP <[dm1.klbemp@cyrix.in](mailto:dm1.klbemp@cyrix.in)>  
**Cc:** Niyas Hadi AP <[niyascyrix@gmail.com](mailto:niyascyrix@gmail.com)>, Blesson Jose <[zm2.klbemp@cyrix.in](mailto:zm2.klbemp@cyrix.in)>

Fri, 19 Jul 2024 at 3:12 pm

Drop Sensor available. Price 9500 plus tax

Main Board and batten Not available as the model ISS obsolete

Thanks & Regards  
S Padmanaban

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**From:** DM Sarang-KLBEMP [mailto:[dm1.klbemp@cyrix.in](mailto:dm1.klbemp@cyrix.in)]  
**Sent:** 13 July 2024 11:37  
**To:** PADMANABAN S <[padmanaban.s@kiranxray.com](mailto:padmanaban.s@kiranxray.com)>  
**Cc:** Niyas Hadi AP <[niyascyrix@gmail.com](mailto:niyascyrix@gmail.com)>; Blesson Jose <[zm2.klbemp@cyrix.in](mailto:zm2.klbemp@cyrix.in)>  
**Subject:** REQUIRED SPARE QUOTATION

Dear sir

[Quoted text hidden]

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**DM Sarang-KLBEMP** <[dm1.klbemp@cyrix.in](mailto:dm1.klbemp@cyrix.in)>  
**To:** PADMANABAN S <[padmanaban.s@kiranxray.com](mailto:padmanaban.s@kiranxray.com)>  
**Cc:** Niyas Hadi AP <[niyascyrix@gmail.com](mailto:niyascyrix@gmail.com)>, Blesson Jose <[zm2.klbemp@cyrix.in](mailto:zm2.klbemp@cyrix.in)>

Fri, 19 Jul 2024 at 3:43 pm

Dear sir

Thank you for your reply

Kindly share the EOL letter for Make -Trivitron Model -i 01 infusion pump in a letter head

Get [Outlook for Android](#)

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**From:** PADMANABAN S <[padmanaban.s@kiranxray.com](mailto:padmanaban.s@kiranxray.com)>  
**Sent:** Friday, July 19, 2024 3:12:17 PM  
**To:** DM Sarang-KLBEMP <[dm1.klbemp@cyrix.in](mailto:dm1.klbemp@cyrix.in)>  
**Cc:** Niyas Hadi AP <[niyascyrix@gmail.com](mailto:niyascyrix@gmail.com)>; Blesson Jose <[zm2.klbemp@cyrix.in](mailto:zm2.klbemp@cyrix.in)>  
**Subject:** RE: REQUIRED SPARE QUOTATION

[Quoted text hidden]

INFUSION PUMP

Consecutive number in the register	Date of receipt	From whom received	Date and number of the current	Purpose of the current	
DATE	IN/NO/DT	WHOM RECEIVED / INVO	RECEIPT	INVO	BALANCE
20/12/13	INVOICE NO: INV/ET/KL/ 2002/13 15/10/13	RECEIVED FROM KMSCL DTD: 5/8/2013 PURCHASE ORDER NO: 732/2013/62  LOT/SERIAL 110F13K0153 110F13K0154 110F13K0155 110F13K0156  UNIT PRICE: RS <del>27000/-</del> 25110/- TOTAL → 4 NOS			
20/12/13		ISSUED TO STAFF NURSE CANCER CARE UNIT		4 NOS	NIL

Pharmacy for  
GTA Mallamada.

Pharmacist (i/c)  
Govt. Tribal Hospital  
Dist. Cancer Centre  
Nalloorad, Wayanad - 670 645



*[Handwritten signature]*  
 മൂന്നിയാർ കൺസൾട്ടന്റ്  
 ഡോ. ഗോപൻ ഓരോപ്പള്ളി  
 മിറ്റോ ക്യാൻസർ ഓരോപ്പള്ളി, ഗവ.  
 ത്രിബൽ ആശുപത്രി, നെയ്യാർ

Received above  
items (4 Nos)  
*[Signature]*  
 B...  
*[Signature]*



**CYRIX** BIOMEDICAL EQUIPMENT MAINTENANCE  
 PROGRAMME (BEMP)  
**TOLL FREE NO: 1800 - 425-7669**  
**BAR CODE - (8004-890615225)**  
**1231138**

 ID/ SI No: **110F13K0154**  
 Cal. Date: **21-10-21**  
 Due Date: **20-10-22**  
**MES** Medical Engineering & Services  
 Thrissur - 21 Ph: 0487 2420367  
 **MES CALIBRATION CENTRE**

**'RIX HEALTH CARE PVT.LTD**  
**BEMP SERVICE PROVIDER**  
**REVENTIVE MAINTENANCE SERVICE**  
 PMS DONE ON: **4/12/2023**  
 NEXT PMS DUE: **3/6/2024**  
 PERFORMED BY: *[Signature]*



*[Handwritten signature and text in Malayalam script]*

*[Handwritten signature and text: "Aho Mathware BNO"]*



# TRIVITRON

HEALTHCARE

speaking your language

## Intrafuse

POWER

ALARM



BOLUS	MODE	KVO
●	□	●
PURGE/ BOLUS	●	⏶
	R	
SWITCH	●	⏷
	T	
SELECT/CONFIRM	●	⏵
	V	
		START/PAUSE

### INSTRUCTIONS:

- To open the door:
- ⇨ Pull the lever up.
  - ⇨ Pull the door.

- To close the door:
- ⇨ Hold the lever upright and shut the door.
  - ⇨ Push the lever down to lock the door.



*Handwritten text in Kannada script, likely a signature or note, located at the bottom left of the image.*

*Handwritten signature 'The Malheur' and the number '520' at the bottom right of the image.*