


**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	THRISSUR
2	Name of Hospital	THQH CHAVAKAD
3	Name of Equipment with Make, Model and Serial Number	Bilirubinometer Make: M&B Model: M&B-MBJ20 Serial Number: J223247372
4	Equipment ID & Barcode	#104633 – 0852873
5	Date of purchase / Year of manufacture /Installation Date	30-07-2022
6	Warranty details (Yes/No)	Nil
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)	03-04-2024
9	Action taken	Checked the machine and found main PCB with micro controller are complaint. Need to replace the main PCB with micro controller for further checking.
10	Present status of the equipment (Fully damaged / partially damaged)	Fully damaged
11	Recommendations for repair (required service details)	Not recommending
12	Cost of spares (specify parts and cost)	PCB with micro controller – 82600/-

13	Asset Value	99000/-
14	# Percentage value of the cost of spares with respect to Cost of Purchase/ Asset Value	83%
15	Abstract of Service Report provided by the OEM/ Authorized Service Provider/ CYRIX (Attached or Not)	Cyrix service report, Cyrix letter and oem quotation attached
16	Reasons for recommending the equipment as BER	The jaundice meter MBJ-20, installed on 30 July 2022, has shown significant result variation and instability, compromising neonatal care. M/s Biomedix Solutions identified a faulty main PCB with the microcontroller, and the OEM repair costs are 83% of the asset's value, making repairs impractical. Replacement parts have not resolved the accuracy issues due to poor quality. We urge M/S KMSCL to decommission and discard the MBJ-20 immediately to ensure neonatal safety.
17	Name & Signature of CYRIX Authority	BIJO T JOY 


*Not mandatory

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

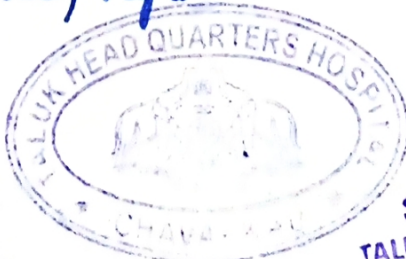
* Attach Photograph


Remarks and Recommendations of Junior Consultant (Biomedical) NHM:

Machine is new model . But Quotation received is high.


Signature of JC BM (NHM)

same cost is very high.


Signature of seal


Date

Superintendent / Medical Officer (i/c)

**SUPERINTENDENT
TALUK HEAD QUARTERS HOSPITAL
CHAVAKKAD**



BIOMEDICAL EQUIPMENT MAINTENANCE PROGRAMME UNDER NATIONAL HEALTH MISSION



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

CYRIX

HEALTHCARE PVT LTD

No. :

222765

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.cyrix.com | E-mail : bemp.kl@cyrix.in

<p>Health Facility <u>Thgh</u></p> <p>Address <u>Chavakkad</u> <u>Thri'ssur</u></p> <p>Ph : <u>9652225498</u></p>	<p>Call Registration Date : <u>3/4/24</u></p> <p>Caller ID : <u>104633</u></p> <p>Date of Visit : <u>4/4/24</u></p> <p>Asset No. : <u>0852873</u></p> <p>EQPT Name : <u>Bilirubinhometer</u></p> <p>Manufacture <u>M&B</u> Model : <u>M&B BJ20</u></p> <p>S. No. <u>J223247372</u> Dept. _____</p>
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Service Classification : Breakdown Call PMS Calibration Cust.Training

Problem Identified : Equipment not detecting properly

Action Taken : Checked the machine and found main PCB with micro controller are complaint. Need to replace the main PCB with microcontroller. For further checking

Completed Date : 4/4/24 Time : 2:15pm Spare Required

Spare Replaced Requested

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

Cyrix Engineer	Date	Start Time	End Time
<u>Christy</u>	<u>4/4/24</u>	<u>1:15pm</u>	<u>2:15pm</u>

Customer Remark Completed Pending



Service Engineer Name : Christy

Signature : [Signature]

Date : 4/4/24

Contact Number : 6238844347

Customer Name : Nls Kary.p.D. x

Signature : [Signature]

Date : 4/4/24

Contact Number : 9562225498

Designation : Nursing Officer

Hospital Seal : _____

SUPERINTENDENT
TALUK HEAD QUARTERS HOSPITAL
CHAVAKKAD

Ref.No: KLBEMMP/24/94

To,
The Managing Director,
KL-BEMMP
KMSCL TRIVANDRUM

SUBJECT: REQUEST FOR SPECIAL CONSIDERATION TO CONDEMN BILIRUBINOMETER 0852873 @ THQH CHAVAKKAD

Dear Madam,

The jaundice meter MBJ-20, purchased locally and installed on 30 July 2022, has exhibited significant result variation and instability over 1 year and 10 months, compromising its reliability for neonatal care. Despite an inspection by M/s Biomedix Solutions, the supplier of the equipment, which identified a fault in the main PCB with the microcontroller (excluding the body cover, the supplier suggests replacing the entire PCB inside the machine), repair costs from the OEM are 83% of the asset's value, rendering repairs economically impractical. Furthermore, replacing the faulty parts has not resolved the accuracy issues due to the poor quality of the delivered components. Therefore, we urge the tender inviting authority, M/s KMSCL, to decommission and discard the MBJ-20 jaundice meter immediately to ensure the highest safety standards for neonatal patients.

Sincerely,



Blessen Jose

Zonal Manager-North Zone

BEMMP- Kerala

Mobile: 7593847153

Email: zm2.klbemp@cyrix.in

30/641B, Petta, Poonithura, Ernakulam, Kerala-682038

Ph: + 91 97445 55073 / 9072575175 | Email: sales.kl@cyrix.in, service.kl@cyrix.in

www.cyrixhealthcare.com

CIN:U74140KL2013PTC034081

ISO Certified Company | AERB Approved QA Agency | NABL Accredited Calibration Agency

Branches: Uttar Pradesh, Karnataka, Kuwait & Dubai



QTN/BISO/020524-008

02 / 05 / 2024

QUOTATION

To,
CYRIX HEALTH CARE PVT LTD
ERNAKULAM

Dear Sir,
Please find below our lowest quotation for the Following items

SL NO	MODEL DESCRIPTION	QTY	UNIT PRICE	PRICE (incl tax)
01	JAUNDICE METER MBJ20 MAIN PCB WITH MICRO CONTROLLER	1	70000+18%TAX	82600/-

Terms and conditions

1. Delivery 15 days

Thanking you,



For Biomedix Solutions

Authorized Signatory
Mobile: 9846969564 | Email: biomedixservice@gmail.com
Branches: Kozhikode, Kannur, Kottayam-Kollam.
For enquiries contact: biomedixsales@gmail.com, biomedixservice@gmail.com



BIOMEDIX SOLUTIONS
No: 7/437- B, Mannarakayam P.O,
Kathilankalpadi, Kanjirapally, Kottayam - 686506,
Mob:9846969564.



for service - 0852873-104633- bilirubinometer

8 messages

Bijo T Joy <bijocyrix@gmail.com>
To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
Cc: Sarang KM <sarangcyrix@gmail.com>, Blesson Jose <zm2.klbemp@cyrix.in>

Sat, 13 Apr, 2024 at 11:52 am

dear sir,

I inform you that we have sent the bilirubinometer to biomedix solution for service. Please check and update as soon as possible
equipment- bilirubinometer
barcode-0852873
ticket id-104633
make- M&B
model-M&B J20
sr.no-J223247372

With Regards,

BIJO T JOY

DISTRICT INCHARGE THRISSUR,

CYRIX HEALTHCARE PRIVATE LIMITED

30/641 B, Petta Junction | Poonithura | Kochi | Kerala-682038 Branches: Kerala | Karnataka || Tamil Nadu || Uttar Pradesh | Kuwait | Saudi Arabia
M:-8921870010 | E:- bijocyrix@gmail.com | W:- www.cyrixhealthcare.com | "

BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
To: bijocyrix@gmail.com

Sat, 13 Apr, 2024 at 11:52 am



Bijo T Joy <bijocyrix@gmail.com>
To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>

Tue, 16 Apr, 2024 at 10:27 am

Reminder

On Sat, 13 Apr, 2024, 11:52 am BIOMEDIX SOLUTIONS, <biomedixsales@gmail.com> wrote:



Sarang KM <sarangcyrix@gmail.com>
To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
Cc: Blesson Jose <zm2.klbemp@cyrix.in>, Bijo T Joy <bijocyrix@gmail.com>

Wed, 17 Apr, 2024 at 1:58 pm

Dear sir,

Kindly update the status

[Quoted text hidden]

Thanks & Regards

Sarang.k.m
Divisional Incharge|North Zone
Bemp-Kerala
Mobile : +91 7593847150
Email : sarangcyrix@gmail.com

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

P Save Environment, Please do not print this e-mail unless it's essential

Sarang KM <sarangcyrix@gmail.com>
To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
Cc: Blesson Jose <zm2.klbemp@cyrix.in>, Bijo T Joy <bijocyrix@gmail.com>

Wed, 24 Apr, 2024 at 12:43 pm

Dear sir,

Kindly update the status

[Quoted text hidden]

Sarang KM <sarangcyrix@gmail.com>

To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>

Cc: Blesson Jose <zm2.klbemp@cyrix.in>, Bijo T Joy <bijocyrix@gmail.com>

Mon, 29 Apr, 2024 at 9:32 pm

Dear sir,

Kindly share the quotation

[Quoted text hidden]

Bijo T Joy <bijocyrix@gmail.com>

To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>

Cc: Blesson Jose <zm2.klbemp@cyrix.in>, Sarang KM <sarangcyrix@gmail.com>

Fri, 3 May, 2024 at 2:07 pm

Reminder

[Quoted text hidden]

BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>

To: bijocyrix@gmail.com

Fri, 3 May, 2024 at 2:01 pm





Transcutaneous Jaundice Detector

Model : MBJ20

SN : MBJ223247372 (A)

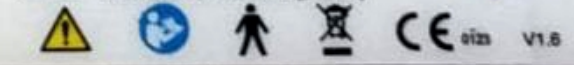
Input : d.c.3.0V

📅 : 2022. 03. 29

Beijing M&B Electronic Instruments Co., Ltd.

Address : Room 6319, Building 1, No. 27, Yongwang Road, Daxing Bioengineering and Medicine Industry Base, Zhongguancun Science Park, Daxing District, 102629 Beijing, PEOPLE'S REPUBLIC OF CHINA

SE MF Shanghai International Holding Corp GmbH(Europe)
Eiffelstrasse 80, 20637 Hamburg, Germany



BIOMEDICAL EQUIPMENT MAINTENANCE
PROGRAMME (BEMP)



CYRIX

HEALTH CARE PVT LTD



KMSCL

TOLL FREE NO: 1800 - 425-7669

BAR CODE - (8004-890615225)

0852873





MBJ20

Ready



Fwd: QUOTATION FOR JAUNDICE METER

7 messages

Bijo T Joy <bijocyrix@gmail.com>

Thu, May 9, 2024 at 9:46 AM

To: Sarang KM <sarangcyrix@gmail.com>, Blesson Jose <zm2.klbemp@cyrix.in>

----- Forwarded message -----

From: **BIOMEDIX SOLUTIONS** <biomedixsales@gmail.com>

Date: Wed, 8 May, 2024, 3:57 pm

Subject: QUOTATION FOR JAUNDICE METER

To: bijocyrix@gmail.com <bijocyrix@gmail.com>

Dear sir,

Please find the quotation attached herewith.

According to our supplier/manufacturer, this is the final rate for mainboard and micon board. Providing three months warranty for this spares.

Regards

Biomedix Solutions

Kottayam

 **QTTN CYRIX HEALTH CARE[10]20240508_15525788.pdf**
125K

Sarang KM <sarangcyrix@gmail.com>

Thu, May 9, 2024 at 12:08 PM

To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>

Cc: Blesson Jose <zm2.klbemp@cyrix.in>, Bijo T Joy <bijocyrix@gmail.com>

Dear sir,

I hope this email finds you well. I am writing to address a concerning issue regarding the Jaundice detector equipment, which was purchased from your company and installed on July 30, 2022. (invoice attached for your reference)

Regrettably, despite the relatively short period of usage, the equipment has recently experienced a major failure, significantly disrupting our operations and causing considerable inconvenience. This failure occurred within just 1 year and 10 months of installation, which is well below the expected lifespan for such equipment.

Upon reviewing the purchase invoice, it was noted that the asset value of the Jaundice detector is Rs 99,000/-. However, the received service quotation to rectify the issue Rs 82,600/-, which is approximately 83.43% of the asset value.

Considering the unexpected nature of this failure and the significant impact it has had on their operations, I would like to propose a fair and reasonable solution. I kindly request a 60% discount on the provided service quotation, which I believe is a more appropriate resolution given the circumstances.

Thank you for your understanding and cooperation. I look forward to your favorable response.

[Quoted text hidden]

--

Thanks & Regards**Sarang.k.m**

Divisional Incharge|North Zone

Bemp-Kerala

Mobile : **+91 7593847150**Email : sarangcyrix@gmail.com**CYRIX HEALTHCARE (P) LTD**

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

www.cyrixhealthcare.com

Save Environment, Please do not print this e-mail unless it's essential



WhatsApp Image 2024-05-09 at 10.55.26 AM.jpeg
88K

BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
To: sarangcyrix@gmail.com

Thu, May 9, 2024 at 12:08 PM



Sarang KM <sarangcyrix@gmail.com>
To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
Cc: Blesson Jose <zm2.klbemp@cyrix.in>, Bijo T Joy <bijocyrix@gmail.com>

Sat, May 18, 2024 at 5:21 PM

Dear sir,

Reminder , kindly reply
[Quoted text hidden]

BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
To: sarangcyrix@gmail.com

Sat, May 18, 2024 at 5:21 PM



Sarang KM <sarangcyrix@gmail.com>
To: BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
Cc: Blesson Jose <zm2.klbemp@cyrix.in>, Bijo T Joy <bijocyrix@gmail.com>

Thu, May 30, 2024 at 5:15 PM

Dear sir ,

Kindly reply for the trail mail
[Quoted text hidden]

BIOMEDIX SOLUTIONS <biomedixsales@gmail.com>
To: sarangcyrix@gmail.com

Thu, May 30, 2024 at 5:15 PM



Tax Invoice

BIOMEDIX SOLUTIONS 7437-B, KATHALANKALPADI KANJIRAPPALLY, KOTTAYAM 686506 D.L NO 20B-KL-KTM-109517, 21B-KL-KTM-109518 GSTIN/UIN 32ATLPP9088K1ZW State Name : Kerala, Code 32 Contact : 04902951234, 8289991634. E-Mail : biomedixsales@gmail.com, biomedixservice@gmail.com	Invoice No. e-Way Bill No Dated KTL250 16-Jun-22 Delivery Note Mode/Terms of Payment Reference No. & Date. Other References Buyer's Order No. Dated C/2009/22 10-May-22 Dispatch Doc No. Delivery Note Date Dispatched through Destination Terms of Delivery
Consignee (Ship to) THE SUPERINTENDENT-THQH CHAVAKKAD TALUK HEAD QUARTERS HOSPITAL CHAVAKKAD, THRISSUR-680506 MOB 8943103098 State Name Kerala, Code : 32	
Buyer (Bill to) THE SUPERINTENDENT-THQH CHAVAKKAD TALUK HEAD QUARTERS HOSPITAL CHAVAKKAD, THRISSUR-680506 MOB 8943103098 State Name Kerala, Code : 32	

SI No	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc. %	Amount
1	JAUNDICH DETECTOR	90189099	12 %	1 NOS	88,392.85	NOS		88,392.85
	SGST 6%					6 %		5,303.57
	CGST 6%					6 %		5,303.57
	ROUND OFF							0.01
Total				1 NOS				₹ 99,000.00

Received the item in good condition and taken in to the stock register Page No: 58


PHARMACIST STOREKEEPER
THQH CHAVAKKAD
P.O CHAVAKKAD

Amount Chargeable (in words) **INR Ninety Nine Thousand Only** E & OE

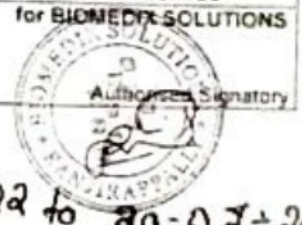
HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
90189099	88,392.85	6%	5,303.57	6%	5,303.57	10,607.14
Total	88,392.85		5,303.57		5,303.57	10,607.14

Tax Amount (in words) **INR Ten Thousand Six Hundred Seven and Fourteen paise Only**

Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.	Company's Bank Details Bank Name : HDFC BANK A/c No. : 50200048307270 Branch & IFS Code : KUTHUPARAMBA & HDFC0004103 for BIOMEDIX SOLUTIONS Authorized Signatory
--	---

This is a Computer Generated Invoice

MBJ20 - Machine Warranty upto - 30-07-2022 to 29-07-2023.





INSTALLATION & WARRANTY CERTIFICATE

Hospital Name:		Thy. Chavakkad.	
Equipment Details			
Name of the equipment:	Transcutaneous Jaundice Detector.	Purchase Order No and date:	10-May-2022
Make / Manufacturer	BISO	Project/ Scheme	
Model	MBJ20	Location / Department	Thy. Chavakkad.
Serial no.	MBJ223247372(A)	Installation Date	30-07-2022
Comprehensive Warranty Start Date	30 / 07 / 2022	Comprehensive Warranty End Date	29-07-2023
To be filled by Institution			
Whether the demonstration of the equipment with accessories on the technical specification/ key features was conducted to the satisfaction at the time of installation?			Yes / No
Whether training was conducted to the satisfaction at the time of installation?			Yes / No
Short supply of items, if any			
Recommend to release the payment - Yes No		The equipment is working satisfactorily & confirms to technical specification - Yes No	
Remarks of hospital authorities, if any			
Name of Service Engr. and the Supplier address		Sign & Seal	9846969564 9846969564.
Name of the End user/ Superintendent/ Principal		Sign & Seal	<i>[Signature]</i> 30/7/22 <i>[Signature]</i>
Date: 30 / 07 / 2022		Date	30 / 07 / 2022

SUPERINTENDENT
TALUK HEAD QUARTERS HOSPITAL
CHAVAKKAD



Tax Invoice

BIOMEDIX SOLUTIONS 7437-B, KATHALANKALPADI KANJIRAPPALLY, KOTTAYAM 686506 D.L.NO : 20B-KL-KTM-109517, 21B-KL-KTM-109518 GSTIN/UIN: 32ATLPP9088K1ZW State Name : Kerala, Code : 32 Contact : 04902951234, 8289991634, E-Mail : biomedixsales@gmail.com, biomedixservice@gmail.com Consignee (Ship to) THE SUPERINTENDENT-THQH CHAVAKKAD TALUK HEAD QUARTERS HOSPITAL CHAVAKKAD, THRISSUR-680506 MOB:8943103098 State Name : Kerala, Code : 32 Buyer (Bill to) THE SUPERINTENDENT-THQH CHAVAKKAD TALUK HEAD QUARTERS HOSPITAL CHAVAKKAD, THRISSUR-680506 MOB:8943103098 State Name : Kerala, Code : 32	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Invoice No.</td> <td>e-Way Bill No.</td> <td>Dated</td> </tr> <tr> <td>KTL250</td> <td></td> <td>16-Jun-22</td> </tr> <tr> <td>Delivery Note</td> <td colspan="2">Mode/Terms of Payment</td> </tr> <tr> <td>Reference No. & Date.</td> <td colspan="2">Other References</td> </tr> <tr> <td>Buyer's Order No.</td> <td colspan="2">Dated</td> </tr> <tr> <td>C/2009/22</td> <td colspan="2">10-May-22</td> </tr> <tr> <td>Dispatch Doc No.</td> <td colspan="2">Delivery Note Date</td> </tr> <tr> <td>Dispatched through</td> <td colspan="2">Destination</td> </tr> <tr> <td colspan="3">Terms of Delivery</td> </tr> </table>	Invoice No.	e-Way Bill No.	Dated	KTL250		16-Jun-22	Delivery Note	Mode/Terms of Payment		Reference No. & Date.	Other References		Buyer's Order No.	Dated		C/2009/22	10-May-22		Dispatch Doc No.	Delivery Note Date		Dispatched through	Destination		Terms of Delivery		
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SI No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc. %	Amount
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	CGST 6%					6 %		5,303.57
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Total				1 NOS				₹ 99,000.00

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PHARMACIST STOREKEEPER
 THQH CHAVAKKAD
 P.O. CHAVAKKAD


Amount Chargeable (in words) **INR Ninety Nine Thousand Only** E. & O.E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
90189099	88,392.85	6%	5,303.57	6%	5,303.57	10,607.14
Total	88,392.85		5,303.57		5,303.57	10,607.14

Tax Amount (in words) : **INR Ten Thousand Six Hundred Seven and Fourteen paise Only**

Company's Bank Details
 Bank Name : **HDFC BANK**
 A/c No. : **50200048307270**
 Branch & IFS Code : **KUTHUPARAMBA & HDFC0004103**

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for BIOMEDIX SOLUTIONS

 Authorized Signatory

This is a Computer Generated Invoice

MBJ20 - Machine Warranty upto - 30-07-2022 to 29-07-2023.