



Republic of the Philippines  
Department of Health  
**MARGOSATUBIG REGIONAL HOSPITAL**  
Margosatubig, Zamboanga del Sur



(0981) 141-4419

[mrh\\_gov@yahoo.com.ph/mrhgov@gmail.com](mailto:mrh_gov@yahoo.com.ph/mrhgov@gmail.com)

<http://mrh.doh.gov.ph>

Date: \_\_\_\_\_

Validity: 60 days

Minimum Technical Requirements for  
**PHOTOTHERAPY LIGHT**

**PRODUCT SPECIFICATIONS**

- Peak spectral irradiance
  - 55μW/cm<sup>2</sup>/nm at 45 cm
- Peak wavelength
  - 451 nm
- Emission spectrum
  - 445 – 470 nm
- Effective surface area
  - At least 500x250 mm at recommended treatment distance
- Light intensity
  - Selectable (high or low)
- Lamp unit tilting
  - Up to 90°
- Time monitoring
  - Therapy time monitoring
- Castor
  - Lockable
- Adjustable height
  - At least 150cm max height
- Power requirements
  - 220 – 240Vac
- LED lifespan
  - At least 60,000 hours
- Standards compliance
  - IEC 60601-1
  - IEC 60601-1-2
  - IEC 60601-2-50

Page | 1

PREPARED & REVIEWED BY

END USER: \_\_\_\_\_  
DESIGNATION: \_\_\_\_\_

JAMES CARLTY D. LABADAN, ECE  
CHAIRPERSON

KEVIN S. CATAGUE, ECE  
VICE-CHAIRPERSON

JOEL L. LUNA  
MEMBER

IVAN PAUL L. TANO, ECE  
MEMBER

CRIS ABEL M. GUEVARRA, MPA  
MEMBER

APPROVED BY:

RICHARD B. SISON, MD, MHA, FPCHA, FPSMS  
Medical Center Chief II

*Philhealth Accredited*  
REVISION: 7

FM-MCC-005

EFFECTIVITY DATE: APRIL 1, 2024



Republic of the Philippines  
Department of Health  
**MARGOSATUBIG REGIONAL HOSPITAL**  
Margosatubig, Zamboanga del Sur



(0981) 141-4419

[mrh\\_gov@yahoo.com.ph/mrhgov@gmail.com](mailto:mrh_gov@yahoo.com.ph/mrhgov@gmail.com)

<http://mrh.doh.gov.ph>

Date: \_\_\_\_\_

Validity: 60 days

Minimum Technical Requirements for  
**PHOTOTHERAPY LIGHT**

**STANDARD ACCESSORIES:**

***NOTE: accessories sets is per unit***

- Bassinet with lockable wheels

Page | 2

**STANDARD REQUIREMENTS UPON SUBMISSION OF BIDDING DOCUMENTS**

- Soft copy of user manual

**REQUIREMENT/S IF AWARDED THE CONTRACT**

- Unit must be **BRAND NEW**.
- Manual in English Language
  - 2 copy of Operation manual (Hard copy)
  - Service manual with soft copy
- Training Program
  - for end-user on equipment's operation with certificate
  - Technical training with certificate (When necessary)
- Three (3) years warranty on parts and service after commissioning and acceptance
- Certification on the availability of spare parts for the next 5 years
- Down time of machine will be added as extension of the warranty.
- With calibration certificate (When necessary)
- Supplier must respond to a service call before 72 hours and should be onsite not more than 7 days.
- **Section V. Special Conditions of the Contract**
  - Delivery Place: Margosatubig Regional Hospital, Zamboanga del Sur
- **Section VI Schedule of Requirements**

PREPARED & REVIEWED BY

END USER: \_\_\_\_\_  
DESIGNATION: \_\_\_\_\_

JAMES CARLTY D. LABADAN, ECE  
CHAIRPERSON

KEVIN S. CATAGUE, ECE  
VICE-CHAIRPERSON

JOEL L. LUNA  
MEMBER

IVAN PAUL L. TANO, ECE  
MEMBER

CRIS ABEL M. GUEVARRA, MPA  
MEMBER

APPROVED BY:

RICHARD B. SISON, MD, MHA, FPCHA, FPSMS  
Medical Center Chief II

*Philhealth Accredited*  
REVISION: 7

FM-MCC-005

EFFECTIVITY DATE: APRIL 1, 2024



Republic of the Philippines  
Department of Health  
**MARGOSATUBIG REGIONAL HOSPITAL**  
Margosatubig, Zamboanga del Sur



(0981) 141-4419

[mrh\\_gov@yahoo.com.ph/mrhgov@gmail.com](mailto:mrh_gov@yahoo.com.ph/mrhgov@gmail.com)

<http://mrh.doh.gov.ph>

Date: \_\_\_\_\_

Validity: 60 days

Minimum Technical Requirements for  
**PHOTOTHERAPY LIGHT**

- Completion/Delivery Period: \_\_\_\_ calendar days upon receipt of the Notice to Proceed including the delivery, installation, testing and commissioning, Partial delivery allowed within the completion/delivery period.

Page | 3

PREPARED & REVIEWED BY

END USER: \_\_\_\_\_  
DESIGNATION: \_\_\_\_\_

JAMES CARLTY D. LABADAN, ECE  
CHAIRPERSON

KEVIN S. CATAGUE, ECE  
VICE-CHAIRPERSON

JOEL L. LUNA  
MEMBER

IVAN PAUL L. TANO, ECE  
MEMBER

CRIS ABEL M. GUEVARRA, MPA  
MEMBER

APPROVED BY:

RICHARD B. SISON, MD, MHA, FPCHA, FPSMS  
Medical Center Chief II