



REPUBLIC OF THE PHILIPPINES  
Department of Health  
**NATIONAL CENTER FOR MENTAL HEALTH**  
Nueva de Febrero Street, Mandaluyong City, Philippines  
**BIDS AND AWARDS COMMITTEE**



Telephone No. 531-9001 loc. 242

Telefax No. 5318318

E-mail: bacncmh@yahoo.com

Website: www.ncmh.gov.ph

## BID DOCUMENTS RECEIVING FORM

Category \_\_\_\_\_

Please check the box(es):

- ☐ Checklist for Bidders
- ☐ Invitation to Bid
- ☐ Instructions to Bidders
- ☐ Bid Data Sheet
- ☐ General Conditions of the Contract
- ☐ Special Conditions of the Contract
- ☐ Schedule of Requirements
- ☐ Technical Specifications
- ☐ List of Items
- ☐ Bid Form
- ☐ Price Schedule Form
- ☐ List of all ongoing Government and Private Contracts including contracts awarded but not yet started
- ☐ Statement of Single Largest Completed Contract which is similar in nature for the past two years
- ☐ Omnibus Sworn Statement (Affidavit)
- ☐ Bid Securing Declaration (As an additional Form of Bid Security, at the option of the prospective bidders)
- ☐ Bid Bulletin

**I HEREBY CERTIFY THAT I HAVE RECEIVED ALL THE DOCUMENTS / FORMS STATED ABOVE.**

\_\_\_\_\_  
*Name of Company/Bidder*

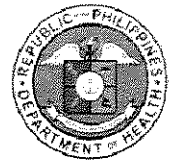
\_\_\_\_\_  
*Signature Above Printed Name  
of Authorized Representative*

\_\_\_\_\_  
*Telephone, Fax, Mobile Number*

\_\_\_\_\_  
*Date Received*



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## CHECKLIST FOR BIDDERS

Project: **Public Bidding for the Supply, Delivery, Installation, Commissioning and Testing Of Various Medical Equipment CY2021**

Approved Budget for the Contract (ABC):

**Php 52,499,000.00**

Date/Time and Venue of Opening of Bids:

**March 31, 2021 (9:00AM)**

**PAG-ASA HALL, NCMH-Compound**

### Instructions:

1. A bidder must submit one (1) original during submission and opening of bids and two (2) additional copies of the original are requested to be submitted on the submission of the additional requirements for post qualification. All documents shall be current and updated. (Note: Supplier's may submit (2) additional copies during Submission and Opening of Bids)
2. The "ORIGINAL" copy of the bid form shall be typed or written in ink and shall be signed by the bidder or its duly authorized representative.
3. To facilitate the evaluation of the bids, bidders are advised to compile the documents in two (2) separate folders (i.e., one for Eligibility/Technical Documents and another for Financial Documents), properly labelled and tabbed, and following the sequence provided herein.

### CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS' ENVELOPE

#### I. TECHNICAL COMPONENT ENVELOPE

##### CLASS "A" DOCUMENTS

##### A. LEGAL DOCUMENTS

- ☐ (1) **REGISTRATION CERTIFICATE FROM PHILIPPINE GOVERNMENT ELECTRONIC PROCUREMENT SYSTEM (PHILGEPS) – Platinum Membership; or**
- ☐ (2) **BUSINESS REGISTRATION CERTIFICATE** from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives, or any proof of such registration as stated in the BDS; **and**
- ☐ (3) **MAYOR'S PERMIT**(valid and current) issued by the city or municipality where the principal place of business of the prospective bidder is located; **and**
- ☐ (4) **TAX CLEARANCE CERTIFICATE** (valid and current)for Bidding Purposes, per Executive Order No. 398, s. 2005, as finally reviewed and approved by BIR.

##### B. TECHNICAL DOCUMENTS

- ☐ (5) Statement of **ALL ITS ON-GOING GOVERNMENT AND PRIVATE CONTRACTS\***, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid, using the form prescribed in Annex: Bidding Forms; **and**

*\*All spaces should be filled up with correct information.*

- ☐ (6) Statement of the Bidder's **SINGLE LARGEST COMPLETED CONTRACT (SLCC)\* similar** to the contract to be bid, in accordance with ITB Clause 5.4 and using the form prescribed in Annex: Bidding Forms.

**NOTE:** Similar project refers to "Medical Equipment", costing at least fifty percent (50%) of the ABC.

*\*All spaces should be filled up with correct information.*

(7) **BID SECURITY** in any of the following form:

- ☐ (7.1) **Notarized Bid Securing Declaration**, using the form prescribed in Annex: Bidding Forms; or
- ☐ (7.2) **Cash, Cashier's/Manager's Check**, issued by a Universal or Commercial Bank (**not less than 2% of the ABC**); or
- ☐ (7.3) **Bank Draft/Guarantee or an irrevocable Letter of Credit** issued by a Universal or Commercial Bank, or by a foreign bank but shall be accompanied by a confirmation from a Universal or Commercial Bank (**not less than 2% of the ABC**); or
- ☐ (7.4) **Surety Bond, callable upon demand** [issued by a surety or insurance company, with a certification from the Insurance Commission as authorized to issue such instrument] (**not less than 5% of the ABC**).
- ☐ (8) **Conformity to TECHNICAL SPECIFICATIONS**, using the prescribed form in Section VII of the Bidding Documents and showing compliance to each item description provided for by NCMH;

[Please NOTE the additional document(s) indicated in the Technical Specifications, as determined by the End-User TWG. These may be needed / required during Post Qualification stage. For example: ISO Certification 13485]

- ☐ (9) **Notarized OMNIBUS SWORN STATEMENT** in accordance with Section 25.3 of the IRR of RA 9184, using the form prescribed in Annex: Bidding Forms.
- ☐ (10) **AUTHORITY OF THE SIGNATORY**, whichever is applicable:
- (a) Special Power of Attorney, in case of single proprietorship.
  - (b) Resolution from the General Manager or President, if partnership.
  - (c) Board resolution with Secretary's Certificate, in case of Corporation.
  - (d) Resolution signed by all the joint-venture partners, in case of Joint-Venture.

## **FINANCIAL DOCUMENTS**

- ☐ (11) **The Supplier's AUDITED FINANCIAL STATEMENTS**, showing among others the total and current assets and liabilities stamped "received" by the BIR or its duly accredited and authorized institutions for the preceding calendar year which should not be earlier than two (2) years from date of bid submission. (CY 2019 with comparative statement CY 2019 and CY 2018).
- ☐ (12) Duly signed **NET FINANCIAL CONTRACTING CAPACITY (NFCC) COMPUTATION**, in accordance with ITB Clause 5.5, or a commitment from a Universal **OR** Commercial Bank to extend a Credit Line in favor of the prospective bidder if awarded the contract to be bid.

## **CLASS "B" DOCUMENTS: IF APPLICABLE —**

- ☐ (13) **JOINT VENTURE AGREEMENT (JVA)**, in case the joint venture is already in existence; or In the absence of a JVA, **Duly Notarized Statements** (i.e., Protocol/Undertaking of Agreement) from all the potential joint venture partners should be included in the bid, stating: *That*, they will enter into and abide by the provisions of the JVA in the event that the bid is successful; and *That*, failure to enter into a joint venture in the event of a contract award shall be ground for the forfeiture of the bid security (Section 23.1(b) of the 2016 Revised IRR).



NOTES:

- (a) The JVA or the Protocol must specify the company/partner and the name of the office designated as the authorized representative of the joint venture.
- (b) Each partner of the joint venture shall submit their respective Legal (I.A) —Eligibility Documents.
- (c) The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance: *Provided that*, the partner responsible to submit the NFCC shall likewise submit the Statement of all of its ongoing contracts and latest Audited Financial Statements.

**\*\*\*\*IF NOT APPLICABLE INDICATE IN A SEPARATE SHEET WITH TABBING THAT JOINT VENTURE AGREEMENT IS NOT APPLICABLE\*\*\*\***

**FINANCIAL COMPONENT ENVELOPE**

- ☐ (1) Original of duly signed and completed **FINANCIAL BID FORM**. And
- ☐ (2) Original of duly signed and completed **PRICE SCHEDULE FORM**.

**Note well:**

1. Any missing, incomplete, or patently insufficient document in the above-mentioned checklist shall be considered "FAILED" (as per Rule IX, Sec. 30.1 of R.A. No. 9184).
2. In case of discrepancies between this checklist and the bidding documents the latter shall prevail.

The above checklist was discussed and agreed upon by the members of the NCMH Bids and Awards Committee in consultation with its Technical Working Group, including the proponent /end-user/ implementing unit.





## SECTION I:

### INVITATION TO BID NO. 010-2021

#### SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING and TESTING OF VARIOUS MEDICAL EQUIPMENT, ELECTROENCEPHALOGRAM (EEG), HIGH FLOW NASAL OXYGEN SYSTEM and LABORATORY INFORMATION SYSTEM CY2021

1. The **NATIONAL CENTER FOR MENTAL HEALTH**, through the **GAA 2021** intends to apply the sum of **Php 61,698,000.00** being the ABC to payments under the contract for the following categories. Bids received in excess of the ABC shall be automatically rejected at the bid opening.

CATEGORY	APPROVED BUDGET FOR THE CONTRACT (ABC)
<b>Public Bidding for the Supply, Delivery, Installation, Commissioning and Testing of:</b>	
1. Various Medical Equipment	<b>Php 52,499,000.00</b>
2. Electroencephalogram (EEG) Machine	<b>3,000,000.00</b>
3. Electromyography (EMG) Machine	<b>2,400,000.00</b>
4. High Flow Nasal Oxygen System and	<b>799,000.00</b>
5. Laboratory Information System (LIS)	<b>3,000,000.00</b>

2. The **NATIONAL CENTER FOR MENTAL HEALTH** now invites bids for the above Procurement Project. Delivery of the Goods is required by (**SEE SCHEDULE OF REQUIREMENTS**). Bidders should have completed, within (**SEE SCHEDULE OF REQUIREMENTS**) from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
- a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
4. Prospective Bidders may obtain further information from **Procurement Section of the National Center for Mental Health** and inspect the Bidding Documents at the address given below during **8:00am to 5:00pm**.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **March 12 - 30, 2021 (Monday to Friday, 8:00AM – 4:00PM)** from the given address and website(s) below, and upon submission of **LETTER OF INTENT** and payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of:

*"There is no Health without Mental Health"*



Approved Budget for the Contract	Maximum Cost of Bidding Documents (in Philippine Peso)
500,000.00 and below	500.00
More than 500,000.00 up to 1 Million	1,000.00
More than 1 Million up to 5 Million	5,000.00
More than 5 Million up to 10 Million	10,000.00
More than 10 Million up to 50 Million	25,000.00
More than 50 Million up to 500 Million	50,000.00
More than 500 Million	75,000.00

6. The **National Center for Mental Health** will hold a **Pre-Bid Conference** on **March 19, 2021, 9:00 AM (Friday)** at **PAG-ASA HALL** of **National Center for Mental Health**, which shall be open to prospective Bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office indicated below. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 14**.
9. **Bid opening** shall be on **March 31, 2021 (Wednesday), 9:00AM** at the **PAG-ASA HALL** of the **National Center for Mental Health**. Bids will be opened in the presence of bidders' representatives who choose to attend the activity.
10. Not applicable
11. The **National Center for Mental Health** reserves the right to reject any and all bids, declare failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 and the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:

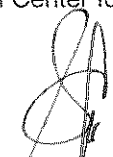
**JERRY C. RODRIGUEZ, MGM-ESP**

*Head, NCMH BAC Secretariat / Procurement Section  
Nueve de Febrero St. Brgy. Mauway, Mandaluyong City  
Tel: 0285319001 loc 239, 240, 242  
Telefax: 0285318318  
Email: [bacncmh@yahoo.com](mailto:bacncmh@yahoo.com)  
[www.ncmh.gov.ph](http://www.ncmh.gov.ph)*

13. You may visit the following websites:

[www.philgeps.gov.ph](http://www.philgeps.gov.ph) (PhilGEPS website using suppliers/bidders account)  
<https://ncmh.gov.ph> (National Center for Mental Health Official Website)

**March 12, 2021**  
*Date of Issue*

  
**ALDEN C. CUYOS, MD, FPPA, IFAPA, MMHoA**  
Chairperson, NCMH-BAC for Equipment and  
Infrastructure Projects CY2021



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## SECTION II: INSTRUCTION TO BIDDERS

### 1. Scope of Bid

The Procuring Entity, **NATIONAL CENTER FOR MENTAL HEALTH**, wishes to receive Bids for the **SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, ELECTROENCEPHALOGRAM (EEG) MACHINE, ELECTROMYOGRAPHY (EMG) MACHINE, HIGH FLOW NASAL OXYGEN SYSTEM and TESTING OF VARIOUS MEDICAL EQUIPMENT CY2021**

The Procurement Project (referred to herein as "Project") is composed of:

CATEGORY	PROPOSED BUDGET FOR THE CONTRACT (ABC)
<b>Public Bidding for the Supply, Delivery, Installation, Commissioning and Testing of:</b>	
1. Various Medical Equipment	<b>Php 52,499,000.00</b>
2. Electroencephalogram (EEG) Machine	<b>3,000,000.00</b>
3. Electromyography (EMG) Machine	<b>2,400,000.00</b>
4. High Flow Nasal Oxygen System and	<b>799,000.00</b>
5. Laboratory Information System (LIS)	<b>3,000,000.00</b>

the details of which are described in Section VII (Technical Specifications).

### 2. Funding Information

2.1 The GOP through the source of funding as indicated below for GAA CY 2021 in the amount of **Php 61,698,000.00**

2.2 The source of funding is:

**a. NGA, the National Expenditure Program.**

### 3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or IB by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

#### 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

#### 5. Eligible Bidders

5.1 Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2 *[Select one, delete other/s]*

- a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
  - i. When a Treaty or International or Executive Agreement as Provided in Section 4 of the RA No. 9184 and its revised IRR allow foreign bidders to participate;
  - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
  - iii. When the Goods ought to be procured are not available from local suppliers; or
  - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- b. Foreign ownership limited to those allowed under the rules may participate in this Project.

5.3 Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No. 9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

*[Select one, delete the other/s]*

- a. **For the procurement of Non-expendable Supplies and Services: The Bidders must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.**
- b. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
- c. For procurement where the Procuring Entity has determined, after the conduct of market research, the imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements: *[Select either failure or monopoly of bidding based on market research conducted]*
  - i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent (50%) in the case of non-expendable supplies and services or twenty-five (25%) percent in the case of expendable supplies* of the ABC for this Project; and
  - ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.



5.4 The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

## 6 Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

## 7 Subcontracts

- Subcontracting is not allowed

## 8 Pre-Bid Conference

The Procuring Entity will hold a **Pre-Bid Conference** for this Project on **March 19, 2021, 9:00 AM (Friday)** at **BAC PAG-ASA HALL of the National Center for Mental Health** as indicated in paragraph 6 of the **IB**.

## 9 Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such request must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

## 10 Documents comprising the Bid: Eligibility and Technical Components

- 7.1 The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 7.2 The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *[state relevant period as provided in paragraph 2 of the IB]* prior to the deadline for the submission and receipt of bids.
- 7.3 If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13 – 2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## 11 Documents comprising the Bid: Financial Component

- 8.1 The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 8.2 If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 8.3 Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 8.4 For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184
- 8.5 *Not applicable*

## 12 Bid Prices

12.1 Prices indicated on the Price Schedule shall be entered separately in the following manner:

- a. For Goods offered from within the Procuring Entity's country:
  - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
  - ii. The cost of all customs duties and sales and other taxes already paid or payable;
  - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
  - iv. The price of other (incidental) services, if any, listed in e.
- b. For Goods offered from abroad:
  - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the prices, the Bidder shall be free to use transportation, through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
  - ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

12.2 *Not applicable*

### 13 Bid and Payment Currencies

13.1 For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2 Payment of the contract price shall be made in:

- a. Philippine Pesos.

### 14 Bid Security

11.1 The Bidder shall submit a Bid Securing Declaration<sup>2</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall not be less than the percentage of the ABC in accordance with the schedule in the **BDS**.

11.2 The Bid and bid security shall be valid until *[120 calendars from the date of Submission and Opening of Bids]*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

11.3 *Not applicable*

### 15 Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus automatically disqualified.

## **16 Deadline for Submission of Bids**

13.1 The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

13.2 *Not applicable*

## **17 Opening and Preliminary Examination of Bids**

17.1 The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2 The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

## **18 Domestic Preference**

18.1 The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

18.2 *Not applicable*

## **19 Detailed Evaluation and Comparison of Bids**

19.1 The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "passed," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2 *Not applicable*

19.3 The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4 The Project shall be awarded as follows:

*[Select one, delete the other/s]*

Option 1 – One Project having several items shall be awarded as one contract.

Option 2 – One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.

Option 3 – One Project having several items, which shall be awarded as separate contracts per item.

*[Delete Options 2 and 3 if Framework Agreement will be used.]*

- 19.5 Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots of items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots of items participated in by the prospective Bidder.

## **20 Post-Qualification**

20.1 *[Include if Framework Agreement will be used:]*

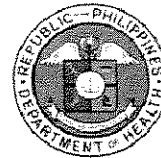
- 20.2 Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that is submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

## **21 Signing of the Contract**

- 21.1 The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.



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Telephone No. 531-9001 loc. 242

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E-mail: [bac@ncmh.gov.ph](mailto:bac@ncmh.gov.ph)

Website: [www.ncmh.gov.ph](http://www.ncmh.gov.ph)

**SECTION III:**  
**BID DATA SHEET**

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <p>a. <b>Supply, Delivery, Installation, Commissioning and Testing Of Various Medical Equipment, Electroencephalogram (EEG) Machine, Electromyography (EMG), High Flow Nasal Oxygen System and Laboratory Information System CY2021</b></p> <p>b. Completed within <i>two (2) years</i> prior to the deadline for the submission and receipt of bids.</p>
7.1	Subcontracts is not allowed
12	The Price of the Goods shall be quoted in Philippine Peso.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p>a. The amount is not less than two percent (2%) of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</p> <p>b. The amount is not less than five percent (5%) of ABC, if bid security is in Surety Bond.</p>
19.3	<p><b>Public Bidding for Supply, Delivery, Installation, Commissioning and Testing Of Various Medical Equipment, Electroencephalogram (EEG) Machine, Electromyography (EMG), High Flow Nasal Oxygen System and Laboratory Information System CY2021</b></p> <p><i>Please see List of Items for complete lists, quantity and ABC</i></p>
20.2	<p>Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that is submitted the Lowest Calculated Bid, the Bidder shall submit its</p> <p>a. Current and Valid Tax Clearance</p> <p>b. Latest Annual Income Tax Return (with corresponding eFPS Filing Reference Number and successful payment page or its equivalent proof of payment, if applicable)</p> <p>c. Certificate of Philgeps Registration (Platinum Membership)</p> <p>d. Current and Valid Mayor's Permit</p>
21.2	<p>Additional contract documents relevant to the Project that is required by the Procuring Entity:</p> <p>a. <b>Notice of Award or Notice to Proceed or Contract</b> issued by the owners, as attachment for the Statement of the prospective bidder of <b>All its On Going Government and Private Contracts</b></p> <p>b. <b>Notice of Award or Contract</b> issued by the owners, as attachment for the Single Largest Completed Contract (SLCC)</p> <p>c. Current and Valid Certificate of Distributorship, <b>if applicable</b></p> <p>d. Notarized Letter of Assurance from the Bidder on the Availability of Stocks</p> <p>e. Certificate Good Performance [For current service provider, it shall be issued by the <b>Head of Procuring Entity / Medical Center Chief</b> II of NCMH, for the current year. For non-current service provider,</p>

certificate issued from other Hospitals or agencies are acceptable  
(as least **SATISFACTORY RATING**)).

The Eligibility Documents and Technical Proposal combined in one folder and the Financial Proposal in separate Folder (**GREEN FOLDER**). Each folder with **fastener/shoelace on top, with Table of Contents and Tabs** (properly labeled according to the checklist for bidders issued).

**MARKING FOR ELIGIBILITY/TECHNICAL PROPOSALS /  
FINANCIAL PROPOSALS**

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"Original Copy"

**NATIONALCENTER FOR MENTAL HEALTH**  
Nueve De Febrero St., Mandaluyong City

**PUBLIC BIDDING**  
**FOR (CATEGORY) CY 2021**

**ELIGIBILITY DOCUMENTS**

**TECHNICAL PROPOSAL**

**FINANCIAL PROPOSAL**

**DELA CRUZ COMPANY**  
**143 Pag-ibig St., Quezon City**  
Tel:       /       Fax:

Indicate here "Original Copy of  
Eligibility Documents & Technical  
Proposal, and Financial Proposal

PROCURING ENTITY'S NAME &  
ADDRESS

PUBLIC BIDDING CATEGORY &  
CALENDAR YEAR

BID PROPOSAL NAME

NAME, ADDRESS, & CONTACT  
NOS. (TELEPHONE & FACSIMILE)  
OF THE BIDDERS

**NOTE:** Color of Folder is **GREEN**

*Note: All tabbing shall be in words / title based on the Checklist.*

The Eligibility Documents & Technical Proposals shall be placed in one envelope and the Financial Proposal also placed in another envelope (**GREEN**). All envelopes shall have the following markings:

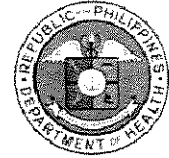
NAME OF THE PROCURING ENTITY'S BAC, PROCURING ENTITY'S NAME & ADDRESS	ELIGIBILITY ENVELOPE & TECHNICAL PROPOSAL /FINANCIAL PROPOSAL	NAME OF ENCLOSED BID PROPOSAL
NCMH-BAC FOR <u>CATEGORY</u> NATIONALCENTER FOR MENTAL HEALTH Nueve de Fabrero St., Mandaluyong City		
PUBLIC BIDDING FOR <u>CATEGORY</u> CY 2021		PUBLIC BIDDING CATEGORY & CALENDAR YEAR

### MARKINGS FOR ENVELOPES

DELA CRUZ COMPANY 143 Pag-Ibig St., Quezon City Tel: _____ / Fax: _____  DO NOT OPEN BEFORE: ____/____/____	NAME, ADDRESS & CONTACT NUMBERS (Telephone & Facsimile) OF THE BIDDER, "DO NOT OPEN" LABEL WITH THE DATE & TIME OF THE SUBMISSION & OPENING OF BIDS
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REPUBLIC OF THE PHILIPPINES  
Department of Health  
**NATIONAL CENTER FOR MENTAL HEALTH**  
Nueve de Febrero Street, Mandaluyong City, Philippines  
**BIDS AND AWARDS COMMITTEE**



Telephone No. 531-9001 loc. 242

Telefax No. 5318318

E-mail: [bac@ncmh.gov.ph](mailto:bac@ncmh.gov.ph)

Website: [www.ncmh.gov.ph](http://www.ncmh.gov.ph)

## **SECTION IV: GENERAL CONDITIONS OF THE CONTRACT**

### **1. Scope of Work**

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without the prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation if which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

### **2. Advance Payment and Terms of Payment**

2.1 Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184

2.2 The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

### **3. Performance Security**

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

### **4. Inspection and Tests**

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.



All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

**5. Warranty**

- 6.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2 The Procuring Entity shall promptly notify the Supplier in writing if any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods of parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

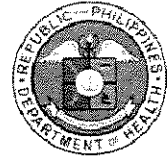
**6. Liability of the Supplier**

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.



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Website: www.ncmh.gov.ph

**SECTION V:**

**SPECIAL CONDITIONS OF CONTRACT**

GCC Clause	
1	<p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms if this Contract shall be as follows:</p> <p>“The delivery terms applicable to this Contract are delivered to <b>Pavilion 7 – Infirmary and Laboratory Service of the National Center for Mental Health</b>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site are as follows:</p> <ul style="list-style-type: none"><li>a. HFEP Various Medical Equipment – <b>Dr. Victor Gerardo Pundavela- Chairperson(End-User)</b> Dr. Mark Y. Dequina – Member(End-User) Dr. Randy S. Flordeliza – Member(End-User) Dr. Joseph Cuaresma – Member(End-User) Dr. Ava A. Ang – Member(End-User) Mr. Ariel Bernardo – Member(End-User)</li><li>b. Laboratory Information System – Ms. Jonnelly Ann Westnit</li><li>c. Neurology Equipment - Mr. Raul Gardaya</li></ul> <p><b>Incidental Services –</b></p> <p>The Supplier is required to provide all of the following services, including additional services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <ul style="list-style-type: none"><li>a. Performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li><li>b. Furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li><li>c. Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li><li>d. Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</li><li>e. Training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</li></ul>

f. *[Specify additional incidental service requirements, as needed.]*

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

#### **Spare Parts –**

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier;

*Select appropriate requirements and delete the rest.*

- a. Such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. In the event of termination of production of the spare parts:
  - i. Advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. Following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI (Schedule of Requirements)** and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts of components for the Goods for a period of *[indicate here the time period specified. If not used indicate a time period of three times the warranty period]*.

Spare parts of components shall be supplied as promptly as possible, but in any case, within *[insert appropriate time period]* months of placing the order.

#### **Packaging –**

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity  
Name of the Supplier  
Contract Description  
Final Destination  
Gross Weight  
Any special lifting instructions

	Any special handling instructions Any relevant HAZCHEM classifications
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p><b>Transportation –</b></p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippines registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine Registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p><b>Intellectual Property Rights –</b></p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	Not applicable
4	The inspections and tests that will be conducted are: <i>[indicate the applicable inspections and test]</i>



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**Section VI**  
**Schedule of Requirements**

**ITB No. 010-2021**

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
<b>OPERATING ROOM (OR) MEDICAL EQUIPMENT</b>				
MEQ21-01	<b>OPERATING ROOM (OR) LIGHT SYSTEM: TWO (2) LIGHT HEADS PER SYSTEM WITH WIRELESS CAMERA.</b> <b>General Considerations:</b> 1. This project entails: Supply, Delivery, Installation, Commissioning and Testing of OR Light System, including Civil Works (bracket, ceiling works, etc.). 2. All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new. <b>Technical Details:</b> 1. Light head Size: 710-800mm 2. Maximum Power Consumption (Total System (VA) per light head: <160VA 3. Power Supply Voltage: 100 – 240V AC, 50/60Hz 4. Illumination Level Ec in 1m (lx): 160,000 from 0.8m to 1.3m 5. Variable light field size due to changes in distance (cm)   (inch): 16 – 30   6.3 – 11.8 each lamp 6. Focusable light field size (d10) in 1 m (cm)   (inch): 16 – 25   6.3 – 9.8 7. Color temperature (K): (a) 3,500   4,000   4,500   5,000 (b) An adjustable color temperature increases or decreases the color contrast on the wound area and provides better perception of color differences. 8. Color rendering index (Ra): max. 97 9. Dimming range (%): Endo < 10   30 – 100 10. Depth of illumination (L1 + L2): (a) at 20% Ec / 2 <sup>nd</sup> Edition (cm)   (inch):	1	4,500,000.00	Sixty (60) to Ninety (90) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>193   76 (b) at 60% Ec / 3<sup>rd</sup> Edition (cm)   (inch): 109   43</p> <p>11. Shadowing: (a) with 1 shadower without tube (%): 92 (b) with 1 shadower with tube (%): 91 (c) with 2 shadowers without tube (%): 68</p> <p>12. Average service life of the LEDs (h): &gt; 60,000</p> <p>13. Must have an automatic sensor-controlled assistance system located in the light head that identifies obstacles in the field of illumination and activates or deactivates individual LED in 1 or 2 segments that provides even lighting conditions and eliminates shadows.</p> <p>14. Sensor-controlled assistance system located in the light head that automatically maintains the brightness, color temperature and light field size even after every repositioning between 0.8m to 1.3m working distance without a need of manual adjustment</p> <p>15. One dome in hexagonal shape with circular opening of 200cm<sup>2</sup> in the middle for Laminar Airflow Systems.</p> <p>16. Must be equipped with a standard handle, sterile (reusable) operating handle with capacitive sensor or disposable handle and can be attached with a wireless HD camera.</p> <p>17. LED light diode must be replaceable as a single diode, if one Light is defective</p> <p>18. The light head can be rotated 360°</p> <p>19. Touchscreen mobile tablet that has a clearly designed graphic interface enables intuitive operation to control the settings of the light such as the light intensity, light field size, color temperature, shadow management, consistency and camera control (1pc to control the 2 light heads)</p> <p>20. Bumper Material: PU</p> <p>21. 79" HD screen</p> <p>22. With cabled charging device</p> <p>23. Dimensions (W/H/D) 1348mm x 2032mm x 61mm</p> <p>24. Light Intensity: (a) Can be set in the range from 30% to 100% (b) Can be adjusted in the light head control panel or in the mobile touchscreen tablet. (c) ENDO Mode switches the light head to</p>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>less than 10% of the light intensity which is intended for endoscopic surgical procedures</p> <p>25. Camera system:</p> <ul style="list-style-type: none"> <li>(a) Wireless transmission, no cabling required.</li> <li>(b) 1080p60 Full-HD.</li> <li>(c) Camera system with Receiver Module: DVI Out and USB Slot</li> <li>(d) Equipped with WHDI (wireless high definition interface) transmitter.</li> <li>(e) Can be operated in the mobile touchscreen tablet.</li> <li>(f) Data storage allows you to quickly save images directly to a USB memory stick.</li> <li>(g) With sensor-controlled system located in the handle that provides consistent illumination and optimum video images at varying distances to the OR field in any movement of the light head detected by a sensor.</li> </ul> <p><b>Warranty Period:</b></p> <ul style="list-style-type: none"> <li>1. 3 years on parts and service</li> <li>2. Commence after acceptance of End-user</li> </ul> <p><b>Delivery:</b></p> <ul style="list-style-type: none"> <li>1. 60-90 Calendar days upon receipt of Notice to Proceed.</li> </ul> <p><b>Training:</b></p> <ul style="list-style-type: none"> <li>1. 1 week on site training for hospital staff.</li> <li>2. On site or off-site training of 2 hospital Bio-medical engineer for basic troubleshooting and preventive maintenance.</li> </ul> <p><b>Installation:</b></p> <ul style="list-style-type: none"> <li>1. After delivery installation lead time is 1 week if there is no necessary Civil works to be made. If there is a Civil works, the installation lead time depend on the type of civil works. The supplier will shoulder the cost of the civil works.</li> </ul> <p><b>Commissioning:</b></p> <ul style="list-style-type: none"> <li>1. The Operating Room lights with camera ceiling type must undergo and pas the acceptance testing in front of the end-user, supplier and Hospital Bio-Medical Engineer before commissioning.</li> </ul> <p><b>After Sales Service:</b></p> <ul style="list-style-type: none"> <li>1. With Service Engineers trained to perform on site repair of the equipment.</li> </ul> <p><b>ISO Certification:</b></p> <ul style="list-style-type: none"> <li>1. ISO 13485</li> </ul> <p><b>Terms of Reference:</b></p> <ul style="list-style-type: none"> <li>1. The equipment is brand new, unused and</li> </ul>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>is not a discontinued model or was listed in the market recall.</p> <ol style="list-style-type: none"> <li>The Operating Room lights with camera Ceiling type should be delivered within 60-90 days from the issuance of NTP (Notice to Proceed).</li> <li>A three (3) year warranty for parts and services after acceptance of the equipment is required.</li> <li>Supplier engineers shall perform quarterly preventive maintenance service on the machine at no cost to the hospital for a period of five (5) years after acceptance.</li> <li>The bidder must have a biomedical technician / engineer based in Manila who can respond to calls / concerns within 24-hour period.</li> <li>The bidder has the capability for corrective and preventive maintenance of the unit.</li> <li>The bidder has the engineers / trained and capable for corrective, preventive maintenance and on-site repair for the model bided. Service engineer should be presently employed by the bidder or authorized by the manufacturer.</li> <li>There is a guaranteed availability of the supply or spare parts after the warranty period; issued by the manufacturer to the supplier.</li> </ol> <p><b>Additional Requirements to include:</b></p> <ol style="list-style-type: none"> <li>Certification from the bidder of 95% uptime guarantee for the equipment offered within the warranty period. Accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>The bidder shall be responsible for the notification, transportation, delivery, installation and commissioning at no cost to the government.</li> <li>Bid offer in Philippine Peso shall include taxes and duties, transportation to site delivery, installation and testing expenses on site by the bidder.</li> <li>Guaranteeing delivery equipment and all accessories within 60-90 calendar days upon receipt of Notice to Proceed or request of NCMH to deliver.</li> <li>The terms and conditions stated in the contract shall be honored by the manufacturer in the event that a change of authorized distributorship will occur during the said contract.</li> </ol>			



ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	6. A certification of good performance from at least 3 level III hospital stating the name of the facility, address, equipment and its model and year of delivery. It must be duly signed by the personnel authorized by the hospital.			
MEQ21-02	<p><b>SUCTION MACHINE SYSTEM</b></p> <p><b>General Consideration:</b> All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Casing is made of very sturdy, unbreakable, fire retardant material with UV protection.</li> <li>2. Pump body is made of aluminum alloy.</li> <li>3. Stainless euro rail can cater up to 4 jars and / or other accessories.</li> <li>4. Pump is cooled by extra fan.</li> <li>5. With overflow protection bottle.</li> <li>6. Color coded suction gauge for kpa, mmHg and BAR.</li> <li>7. Four (4) corners Non-marking caster with safety brakes.</li> </ol> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>1. Voltage 230V / 50-60Hz</li> <li>2. Maximum suction capacity of 50L / min</li> <li>3. Vacuum Capacity: of more than or equal to 0-93 Kpa</li> <li>4. Noise Level of not higher than 39.4 dB</li> <li>5. Not more than 480mm x 900mm x 460mm (WxHxL)</li> <li>6. Lowest than or equal 21kg without accessories</li> <li>7. Illuminated on / off switch meets EU norm EN ISO 10079-1</li> <li>8. With Safety vacuum regulator</li> <li>9. Change-over switch – Shift the vacuum from bottle to the other with a single move</li> <li>10. Air-operated foot switch</li> </ol> <p><b>Accessories:</b></p> <ol style="list-style-type: none"> <li>1. Suction Jar 2L with screw cover (2pcs)</li> <li>2. Polycarbonate Suction jar Holder 2L (2pcs)</li> <li>3. Suction circuit with stop valve (1pc)</li> <li>4. Trolley: with integrated storage basket (1pc)</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. 3 years on parts and service.</li> <li>2. Commence after acceptance of End-user.</li> </ol> <p><b>Delivery:</b></p> <ol style="list-style-type: none"> <li>1. 60-90 calendar days upon receipt of Notice to Proceed.</li> </ol> <p><b>Training:</b></p>	2	620,000.00	Sixty (60) to Ninety (90) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<ol style="list-style-type: none"> <li>1 week on site training for hospital staff.</li> <li>On site or off-site training of 2 hospital Bio-Medical engineer for basic troubleshooting and preventive maintenance.</li> </ol> <p><b>Commissioning:</b></p> <ol style="list-style-type: none"> <li>The Suction Machine must undergo and pass the acceptance testing in front of the end-user, supplier and Hospital Bio-Medical Engineer before commissioning.</li> </ol> <p><b>After Sales Service:</b></p> <ol style="list-style-type: none"> <li>With Service Engineers trained to perform on site repair of the equipment</li> </ol> <p><b>ISO Certification:</b></p> <ol style="list-style-type: none"> <li>ISO 13485</li> </ol> <p><b>Terms of Reference:</b></p> <ol style="list-style-type: none"> <li>The equipment is brand new, unused and is not a discontinued model or was listed in the market recall.</li> <li>The Suction Machine should be delivered within 60-90 days from the issuance of NTP (Notice to Proceed).</li> <li>A three (3) year warranty for parts and services after acceptance of the equipment is required.</li> <li>Supplier engineers shall perform quarterly preventive maintenance service on the machine at no cost to the hospital for a period of five (5) years after acceptance.</li> <li>The bidder must have a biomedical technician / engineer based in Manila who can respond to calls / concerns within a 24-hour period.</li> <li>The bidder has the capability for corrective and preventive maintenance of the unit.</li> <li>The bidder has the engineer/s trained and capable for corrective, preventive maintenance and on-site repair for the model bided. Service engineer should be presently employed by the bidder or authorized by the manufacturer.</li> <li>There is a guaranteed availability of the supply or spare parts after the warranty period; issued by the manufacturer to the supplier.</li> </ol> <p><b>Additional Requirements to include:</b></p> <ol style="list-style-type: none"> <li>Certification from the bidder of 95% uptime guarantee for the equipment offered within the warranty period. Accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>The bidder shall be responsible for the notification, transportation, delivery,</li> </ol>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>installation and commissioning at no cost to the government.</p> <p>3. Bid offer in Philippine Peso shall include taxes and duties, transportation to site delivery, installation and testing expenses on site by the bidder.</p> <p>4. Guaranteeing delivery equipment and all accessories within 60-90 calendar days upon receipt of notice to proceed or request of NCMH to deliver.</p> <p>5. The terms and conditions stated in the contract shall be honored by the manufacturer in the event that a change of authorized distributorship will occur during the said contract.</p> <p>6. A certification of good performance from at least 3 level III hospital stating the name of the facility, address, equipment and its model and year of delivery. It must be duly signed by the personnel authorized by the hospital.</p>			
MEQ21-03	<p><b>OPERATING ROOM (OR) LIGHT MOBILE</b></p> <p><b>General Consideration:</b> All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Adaptive Light Control.</li> <li>2. Homogenous light-emitting surface and enables almost shadow-free conditions.</li> <li>3. Low heat and extremely high light output due to the special lens / LED combination.</li> <li>4. The housing of the light head consists of a lightweight metal alloy.</li> <li>5. Exchanging single LEDs must be easily realizable during service.</li> <li>6. The average service life of the LEDs is at least 60,000 hours.</li> </ol> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>7. Lighting Data: <ol style="list-style-type: none"> <li>(a) Illumination Level at 1.0m (lux): 160,000 lux</li> <li>(b) Stable and no visual influence on pattern size and illumination at 1 to 1.2m distance</li> <li>(c) Dimmable Range of 40 to 100% with &lt;10% Endo Mode.</li> <li>(d) Pattern Size variation of 16-30cm between 0.8m and 1.2m</li> <li>(e) Pattern size (d10) at 1.0m t 16cm and 23cm</li> <li>(f) D50 / d10 ratio of -0.56 (narrow</li> </ol> </li> </ol>	1	1,000,000.00	Sixty (60) to Ninety (90) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>pattern size), 0.48 (wide pattern size)</p> <p>(g) Adjustable color temperature at the control panel at 3500K, 4000K, 4500K, and 5000K that ensures higher contrast even in the most varied tissue ranges</p> <p>(h) Color Rendering Index:</p> <ol style="list-style-type: none"> <li>Ra of 96</li> <li>R9 (blood) of 97</li> <li>R13 (tissue) of 98</li> </ol> <p>8. Version: Use in different clinical environments and offers impressive versatility of mobile version for emergencies or supplemental use.</p> <p>9. Depth of Illumination:</p> <ol style="list-style-type: none"> <li>(L1 + L2) at 20% Ec / 2<sup>nd</sup> Edition (cm): 95 (narrow pattern size) / 94 (wide pattern size)</li> <li>(L1 + L2) at 60% Ec / 3<sup>rd</sup> Edition (cm): 60 (narrow pattern size) / 60 (wide pattern size)</li> </ol> <p>10. Electrical Data:</p> <ol style="list-style-type: none"> <li>Power pack supply voltage: 100 – 240 V AC 50 / 60Hz</li> <li>Light head power consumption (VA) 4:65</li> <li>Maximum power consumption (total system) (VA): 120</li> </ol> <p>11. Mechanical Data:</p> <ol style="list-style-type: none"> <li>Laminar flow surface (cm<sup>2</sup>): 3,100 (480.5in<sup>2</sup>)</li> <li>Turbulence Degree: 35%</li> <li>Diameter of ceiling plate (square) (mm): 340mm</li> <li>Light head size (with handles) (mm): 730mm (28.7")</li> <li>Weight of light head (incl. cardanic) (kg): 16.1 kg</li> </ol> <p><b>Warranty Period:</b></p> <ol style="list-style-type: none"> <li>3 years of parts and service to commence after acceptance of End-User.</li> </ol> <p><b>Delivery:</b></p> <ol style="list-style-type: none"> <li>60-90 Calendar days upon receipt of Notice to Proceed.</li> </ol> <p><b>Training:</b></p> <ol style="list-style-type: none"> <li>1 week on site training for hospital staff.</li> <li>On site or off-site training of 2 hospital Bio-medical engineer for basic troubleshooting and preventive maintenance.</li> </ol> <p><b>Installation:</b></p> <ol style="list-style-type: none"> <li>After delivery installation lead time is 1 week if there is no necessary Civil works to be made. If there is a Civil works, the</li> </ol>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>installation lead time depend on the type of civil works. The supplier will shoulder the cost of the civil works.</p> <p><b>Commissioning:</b></p> <ol style="list-style-type: none"> <li>1. The Mobile Operating Room light must undergo and pass the acceptance testing in front of the end-user, supplier and Hospital Bio-Medical Engineer before commissioning.</li> </ol> <p><b>After Sales Service:</b></p> <ol style="list-style-type: none"> <li>1. With Service Engineers trained to perform on site repair of the equipment.</li> </ol> <p><b>ISO Certification:</b></p> <ol style="list-style-type: none"> <li>1. ISO 13485</li> </ol> <p><b>Terms of Reference:</b></p> <ol style="list-style-type: none"> <li>1. The equipment is brand new, unused and is not a discontinued model or was listed in the market recall.</li> <li>2. The Operating Room lights with camera Ceiling type should be delivered within 60-90 days from the issuance of NTP (Notice to Proceed).</li> <li>3. A three (3) year warranty for parts and services after acceptance of the equipment is required.</li> <li>4. Supplier engineers shall perform quarterly preventive maintenance service on the machine at no cost to the hospital for a period of five (5) years acceptance.</li> <li>5. The bidder must have a biomedical technician / engineer based in Manila who can respond to calls / concerns within 24 hour period.</li> <li>6. The bidder has the capability for corrective and preventive maintenance of the unit.</li> <li>7. The bidder has the engineer/s trained and capable for corrective, preventive maintenance and on-site repair for the model bided. Service engineer should be presently employed by the bidder or authorized by the manufacturer.</li> <li>8. There is a guaranteed availability of the supply or spare parts after the warranty period; issued by the manufacturer to the supplier.</li> </ol> <p><b>Additional Requirements to include:</b></p> <ol style="list-style-type: none"> <li>1. Certification from the bidder of 95% uptime guarantee for the equipment offered within the warranty period. Accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>2. The bidder shall be responsible for the</li> </ol>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>notification, transportation, delivery, installation and commissioning at no cost to the government.</p> <p>3. Bid offer in Philippine Peso shall include taxes and duties, transportation to site delivery, installation and testing expenses on site by the bidder.</p> <p>4. Guaranteeing delivery equipment and all accessories within 60-90 calendar days upon receipt of Notice to Proceed or request of NCMH to deliver.</p> <p>5. The terms and conditions stated in the contract shall be honored by the manufacturer in the event that a change of authorized distributorship will occur during the said contract.</p> <p>6. A certification of good performance from at least 3 Level III hospital stating the name of the facility, address, equipment and its model and year of delivery. It must be duly signed by the personnel authorized by the hospital.</p>			
MEQ21-04	<p><b>OPERATING ROOM TABLE FOR VARIOUS SURGICAL DISCIPLINES</b></p> <p><b>General Consideration:</b> All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Electro-mechanical technology.</li> <li>2. Side rails over the whole length of the tabletop for adaptation of accessories.</li> <li>3. Fixation of pads to patient board is via mushroom-like buttons.</li> <li>4. With 4 double joint wheels.</li> <li>5. Extra space below the table base.</li> <li>6. Electro-motorized breaks via stamps can be triggered in the remote control.</li> <li>7. Tabletop permits reverse position of the head and leg section.</li> <li>8. U-cut design of the table base designed for Gynecology and Urology application.</li> <li>9. Material: <ol style="list-style-type: none"> <li>(a) Stainless Steel for Tabletop Frame: Column Housing Attachment Points; Running Gear Frame; Coupling Points.</li> <li>(b) Comfort Plus Pads attaching via mushroom-like buttons for the Pads.</li> </ol> </li> </ol> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>1. Length of OR Tabletop: 1,007mm</li> <li>2. Width of side rails: 582mm</li> <li>3. Width of pads: 535mm</li> </ol>	2	7,400,000.00	Sixty (60) to Ninety (90) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months									
	<div>4. Height of pads: 50mm</div> <div>5. Diameter of wheels: 150mm</div> <div>6. Maximum load capacity: 450kg</div> <div>7. Power Supply</div> <div>(a) External: 230/115V, 50/60Hz</div> <div>(b) Internal: I.P.S, 2 accumulators (lead gel), 12V, 10Ah</div> <div>8. Operating time with fully charged accumulator: approx. 1h (total of all electrical function movements)</div> <div>9. Power Input: max 450VA</div> <div>10. Degree of protection against water: IP X4, in mains operation IP X2</div> <div>11. Degree of protection when used in proximity to inflammable mixture class AP in battery operation.</div> <div>12. Environmental parameters:</div> <table><tr><td></td><td>Temperature</td><td>Air humidity</td></tr><tr><td>Operation</td><td>+10°C up to +40°C (50°F up to 104°F)</td><td>20% up to 80%</td></tr><tr><td>Storage</td><td>15°C up to +55°C (5°F up to 131°F)</td><td>5% up to 95%</td></tr></table> <div>13. Air pressure min. 700 mbar up to 1,060 mbar</div> <div>14. Has a Control unit with membrane keypad and detachable helix cable connected to the mobile operating table for all adjustment functions of column.</div> <div>15. Has an integrated control at the table column.</div> <div>16. IR transmitter for operating all adjustment functions of the operating table column. The battery charges automatically and inductively in a stationary or mobile charging unit.</div> <div>Accessories:</div> <div>1. IV Pole with 4 hooks (1pc)</div> <div>2. Anesthesia Screen (1pc)</div> <div>3. Body Strap (1 set)</div> <div>4. Arm Support (1 pair)</div> <div>5. Flexible Stirrups with gas spring (1 pair)</div> <div>6. Allows for easy adjustment of abduction and lithotomy</div> <div>7. The boot is designed with extended lateral fin</div> <div>8. With Technology that can help assist in lifting</div> <div>9. With reusable pad that completely encapsulates the foot, ankle and calf</div> <div>10. With squeeze grip handle for easy intraoperative adjustment that simply release the handle to secure the leg holder</div>		Temperature	Air humidity	Operation	+10°C up to +40°C (50°F up to 104°F)	20% up to 80%	Storage	15°C up to +55°C (5°F up to 131°F)	5% up to 95%			
	Temperature	Air humidity											
Operation	+10°C up to +40°C (50°F up to 104°F)	20% up to 80%											
Storage	15°C up to +55°C (5°F up to 131°F)	5% up to 95%											

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>in all directions</p> <ol style="list-style-type: none"> <li>Can be positioned in the lithotomy range of +84° to -33° lithotomy</li> <li>Abduction Range between +25° to -9° abduction</li> <li>With lithotomy and length visual indicators</li> <li>Patient weight capacity of 159kg</li> </ol> <p><b>Standard Requirements:</b></p> <ol style="list-style-type: none"> <li>Current and Valid Certificate of Manufacturer's compliance with ISO Certified.</li> <li>Bidder's certificate that the BRAND must be in the Philippines for more than ten (10) years.</li> <li>User's Manual in English Language.</li> <li>Service Manual (2 copies).</li> <li>Proposed Costing of Preventive Maintenance and Calibration Program for sophisticated equipment, consumable / accessories.</li> <li>Training at least three (3) from end-users and two (2) from engineering.</li> <li>Bidder's certificate that parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the warranty period.</li> <li>Minimum of two (2) years on parts and three (3) years on service. Warranty Certificate for parts and service, upon delivery, inspection and acceptance.</li> <li>Free Quarterly Preventive Maintenance and Calibration within the warranty period.</li> </ol> <p><b>Delivery Period:</b></p> <ol style="list-style-type: none"> <li>60-90 calendar days upon receipt of Notice to Proceed or request of NCMH to deliver.</li> </ol>			
MEQ21-05	<p><b>ORTHOPEDIC TRACTION DEVICE SYSTEM</b></p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>Stainless extension unit used for patient positioning during orthopedic and trauma surgeries.</li> <li>With supporting pad in the pelvic area with locking system attaches securely to the extension on adapter.</li> <li>With an extra-thick padding that provides an optimal protection for the patient's genital area.</li> <li>With pair of stainless struts that is suitable for the attachment to the operating table or the extension adapter.</li> <li>Permits easy pre-positioning of the</li> </ol>	1	2,900,000.00	Sixty (60) to Ninety (90) Calendar days



ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months																				
	<p>patient's leg as well as simple repositioning without any loss in position. The tension is smoothly adjusted via a crank.</p> <p>6. With traction boot and counter traction post.</p> <p>7. Breach Chair with Pad set that has intubation plate and pad; with universal head positioner.</p> <p><b>Standard Requirements:</b></p> <p>1. Current and Valid Certificate of Manufacturer's compliance with ISO Certified.</p> <p>2. Bidder's certificate that the brand must be in the Philippines for more than ten (10) years.</p> <p>3. User's Manual in English Language.</p> <p>4. Service Manual (2 copies)</p> <p>5. Proposed Costing of Preventive Maintenance and Calibration Program for sophisticated equipment, consumables / accessories.</p> <p>6. Training at least three (3) from end-users and two (2) from engineering.</p> <p>7. Bidder's certificate that parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the warranty period.</p> <p>8. Minimum of two (2) years on parts and three (3) years on service. Warranty Certificate for parts and service, upon delivery, inspection and acceptance.</p> <p>9. Free Quarterly Preventive Maintenance and Calibration within the warranty period.</p> <p><b>Delivery Period:</b></p> <p>1. 60-90 calendar days upon receipt of Notice to Proceed or request of NCMH to deliver.</p>																							
MEQ21-06	<p><b>ELECTROCAUTERY MACHINE SYSTEM 5000 MODEL, 220VOLTS, 60 HERTZ</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>Technical Details:</b></p> <p><b>MONOPOLAR</b></p> <table border="1"> <tr> <td>Pure Cut</td><td>300</td><td>800</td><td>1.4-1.7</td><td>391</td></tr> <tr> <td>Blend 1 Cut</td><td>200</td><td>860</td><td>1.5-1.9</td><td>391</td></tr> <tr> <td>Blend 2 Cut</td><td>200</td><td>1100</td><td>1.8-2.4</td><td>391</td></tr> <tr> <td></td><td>200</td><td>1480</td><td>2.4-2.9</td><td>391</td></tr> </table>	Pure Cut	300	800	1.4-1.7	391	Blend 1 Cut	200	860	1.5-1.9	391	Blend 2 Cut	200	1100	1.8-2.4	391		200	1480	2.4-2.9	391	2	1,600,000.00	Sixty (60) to Ninety (90) Calendar days
Pure Cut	300	800	1.4-1.7	391																				
Blend 1 Cut	200	860	1.5-1.9	391																				
Blend 2 Cut	200	1100	1.8-2.4	391																				
	200	1480	2.4-2.9	391																				

ITEM NO.	DESCRIPTION					QTY	TOTAL	Delivered, Weeks/Months
	Blend 3 Cut			391				
	<b>SPECIAL FEATURES PULSE CUT</b>							
	Pinpoint Coag	120	2120	3.7-4.6 391	391			
	Standard Coag	120	3140	5.6-6.6 562	391			
	Spray Coag	80	6350	1.9-7 562	562			
	<b>SPECIAL FEATURES PULSE COAG</b>							
	Micro Bipolar	50	170	.5-1.9 391	391			
	Macro Bipolar	90	610	1.6-2.0 391	391			
	<b>Versatility:</b>							
	<ol style="list-style-type: none"> <li>1. Remote Power Control (PC): Allows the end-user to make power adjustments from within the surgical field using any electrosurgical hand-controlled pencil.</li> <li>2. Ready Plug: Universal accessory receptacle eliminates the need for foot-controlled adapters</li> <li>3. Advance Specialty Modes <ol style="list-style-type: none"> <li>(a) General Mode for all general procedures</li> <li>(b) Laparoscopic Mode provides optimal safety by limiting output voltage and minimizing the potential harmful effects of capacitive coupling.</li> <li>(c) Fluids Mode provides immediate energy delivery for procedures performed in a fluid medium.</li> </ol> </li> <li>4. Pulse Modes <ol style="list-style-type: none"> <li>(a) Pulse Cut Mode provides precise modulated energy delivery for critical dissection</li> <li>(b) Pulse Coagulation Mode provides a modulated waveform for unsurpassed precision and control</li> </ol> </li> <li>5. Automatic Return Monitor (ARM): Contact quality monitoring system</li> <li>6. Four (4) Monopolar Cutting Modes <ol style="list-style-type: none"> <li>(a) Pure Cut with 300 watts of maximum output power.</li> <li>(b) Blended Cut (1, 2, 3) with 200 watts of maximum output power and increasing level of hemostasis.</li> </ol> </li> <li>7. Three (3) Monopolar Coagulation Modes <ol style="list-style-type: none"> <li>(a) Spray Mode provides wide area of coagulation with 80 watts of maximum output power.</li> <li>(b) Standard Mode with 120 watts</li> </ol> </li> </ol>							

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>maximum output power.</p> <p>(c) Pinpoint Mode provides fine desiccation with 120 watts of maximum output power.</p> <p>8. Two (2) Bipolar Modes (Micro and Macro) with 90 watts of maximum output power: Bipolar Output Meter provides visual and audible feedback to surgeon during procedure.</p> <p>9. Simultaneous activation in monopolar coagulation</p> <p>10. Two (2) Hand Controlled receptacles and a separate footswitch receptacle enable multiple accessory connections.</p> <p>11. Nine (9) programmable memory settings provide setup convenience.</p> <p>12. Automatic programming restores the electrosurgical unit to the last setting used.</p> <p>13. Ability to change power settings from the control panel while electrosurgical unit is activated</p> <p>14. Illuminated receptacles for greater visibility.</p> <p>15. Integrated interface for activation of smoke evacuators and other devices.</p> <p>16. Auto voltage ranged from 100 volts to 240 volts at 50/60 Hz</p> <p>17. Radio Frequency (RF) isolated and independent outputs.</p> <p><b>Included Accessories:</b></p> <p>1. One (1) unit Cart with brakes</p> <p>2. One (1) unit Monopolar Footswitch with Cable</p> <p>3. One (1) pc Disposable Hand Control Pencil</p> <p>4. One (1) pc Disposable Grounding Pad</p> <p>5. One (1) pc Bipolar Footswitch</p> <p>6. One (1) pc Bipolar Cable</p> <p>7. One (1) pc Bipolar Forcep</p> <p>8. One (1) pc Adapter #12</p> <p><b>Warranty and Service:</b></p> <p>1. Two (2) years for service and one (1) year for parts. Warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.</p> <p><b>Preventive Maintenance (within warranty):</b></p> <p>1. Diagnostic check-up and testing of all electronic components.</p> <p>2. Check-up all wiring connections.</p> <p>3. Equipment calibration according to factory settings.</p> <p>4. General cleaning of equipment.</p> <p>5. In case of downtime, immediately a day</p>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>after receiving report of unit malfunction, our trained sales representative will check and asses the unit for troubleshooting. If the unit needs servicing, our representative will directly coordinate the matter with our service department for immediate action.</p> <p>6. In the event that the unit needs to be pulled out for further repair, the company will provide a back-up unit free of charge so as not to paralyze hospital operations. Back up units are readily available to provide our customer with prompt and reliable service.</p> <p><b>ISO Certification:</b></p> <p>1. ISO 13485</p>			
MEQ21-07	<p><b>PATIENT MONITOR (BASIC)</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Modular and able to monitor adult, pedia and neonate</li> <li>2. 12 in screen size and up to 6 waveforms</li> <li>3. 1280 x 800 display resolution</li> <li>4. ≤3.5kg (7.7lb) without battery, rack and modules</li> <li>5. Capacitive touchscreen, trim knob and hard keys control.</li> <li>6. Supports night mode and screen lock button for easy cleaning and maintenance.</li> <li>7. Seven pre-configured workflow setting for simple set-up</li> <li>8. Up to 200 Auto-snap-shot of most critical alarms</li> <li>9. Large numeric mode that enables critical parameter visibility even up to 4 meters</li> <li>10. With early warning score for total individual parameter on the main screen, color coding and time stamps.</li> <li>11. Alarm auto printing up to 23 alarms with audible and visual notification</li> <li>12. Built-in "demo" mode for end-users training without the need of simulators</li> <li>13. More than 3 hours battery capacity</li> <li>14. 3 to 5 leads ECG I, II, III, aVR, aVL, aVF, and V</li> <li>15. Pacemaker detection range 2 to 700mV with pulse width 0.5 to 2ms</li> <li>16. ST segment analysis number range -9 to +9mm (-0.9 to +0.9mV)</li> </ol>	3	900,000.00	Sixty (60) to Ninety (90) Calendar days)

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	17. ST trends and graphical trends up to 168 hours 18. Respiration rate for adult / pediatricis 4 to 120 resp/min 19. Respiration rate for neonate 4 to 180 resp/min 20. SPO2 monitoring with rubber type sensor. Pulse rate of 30 to 250 bpm and 1 to 100% Pulse oximetry 21. SPO2 Saturation Measurement accuracy: 22. without motion in adult / pedia finger sensor 70 to 100% $\pm 2\%$ 23. without motion in neonate sensor 70 to 100% $\pm 3\%$ 24. with motion in adult / pedia sensor 70 to 100% $\pm 3\%$ 25. with motion in neonate sensor 70 to 100% $\pm 3\%$ 26. low perfusion in adult / pedia 70 to 100% $\pm 3\%$ 27. pulse rate without motion $\pm 2$ bpm (Adult / pedia / neonate) 28. Perfusion index 0.2 to 20% 29. NIBP Dual Hose Technology with reusable adult cuff 30. Oscillometric step deflation NIBP technique with manual, automatic, STAT and custom series modes 31. NIBP Measurement ranges: 32. Systolic: Adult / Pedia 30 to 290mmHg and Neonate 30 to 140mmHg 33. Diastolic: Adult / Pedia 10 to 220mmHg and Neonate 10 to 110mmHg 34. MAP: Adult / Pedia 20 to 260mmHg and Neonate 20 to 125mmHg 35. Initial Inflation Pressure: Adult / Pedia 135 $\pm 15$ mmHg and Neonate 100 $\pm 15$ mmHg 36. Power Specification: AC input 100 to 240V $\pm 10\%$ , 50/60Hz 37. Lithium ion battery <4 hours charging time 38. With Extension rack at the back for additional parameter module 39. Seven pre-configured workflow settings for simple set-up 40. Auto-snapshot of most critical alarms 41. Alarm reporting options for better alarm management and instant care in cases of arrhythmia, high/low blood pressure, and ECG-lead detachment 42. Convenient screen lock button for easy cleaning, maintenance, and intra-hospital transport			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>43. Capacitive touchscreen for fast-response and enhanced user experience</p> <p>44. Uninterrupted display of primary ECG-lead waveform and other vital signs across settings</p> <p>45. Choice of numerical or continuous waveform monitoring</p> <p>46. Large numeric mode that enables critical parameter visibility even up to 4 meters</p> <p>47. ST Segment and full Arrhythmia analysis, SPO2, NIBP, RR, ECG, Temp</p> <p>48. Flexibility to share parameter modules and accessories across patient monitors</p> <p>49. Stable performance in tough environmental conditions</p> <p>50. 75cm height drop test for main unit</p> <p>51. With at least 4 lockable trolley with basket and back handle</p> <p><b>Warranty:</b></p> <p>1. 2 years on warranty on parts.</p> <p>2. All equipment are covered by twenty-four (24) months warranty against any manufactured-related defects.</p> <p><b>Preventive Maintenance:</b></p> <p>1. With semi-annual preventive maintenance of the machine.</p> <p><b>Training:</b></p> <p>1. Operation and application training.</p> <p>2. Will conduct two (2) days intensive training on the operation for all relevant staff after delivery.</p> <p>3. Training will include basic and minor maintenance of the items, with emphasis on proper care and use of the unit.</p>			
MEQ21-08	<p><b>PATIENT MONITOR WITH E-MINI C CAPNOGRAPH MONITORING)</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>Technical Details:</b></p> <p>1. Seven pre-configured workflow settings for simple set-up</p> <p>2. Auto snapshot of most critical alarms</p> <p>3. Alarm reporting options for better alarm management and instant care in cases or arrhythmia, high/low blood pressure, and ECG-lead detachment</p> <p>4. -Convenient screen lock button for easy cleaning, maintenance, and intra-hospital transport</p> <p>5. Capacitive touchscreen for fast response</p>	2	930,000.00	Sixty (60) to Ninety (90) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>and enhanced user experience</p> <ol style="list-style-type: none"> <li>Uninterrupted display of primary ECG-lead waveform and other vital-sign across settings</li> <li>Choice of numerical or continuous waveform monitoring</li> <li>Large numeric mode that enables critical parameter visibility even up to 4 meters</li> <li>ST Segment and full Arrhythmia analysis, SPO2, NIBP, RR, ECG, Temp</li> <li>Flexibility to share parameter modules and accessories across patient monitors</li> <li>Stable performance in tough environmental conditions</li> <li>75cm height drop test for main unit</li> <li>With at least 4 lockable trolley with basket and back handle.</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>2 years warranty on parts and labor.</li> <li>All equipment are covered by twenty-four (24) months warranty against any manufactured-related defects.</li> </ol> <p><b>Preventive Maintenance:</b></p> <ol style="list-style-type: none"> <li>With semi-annual preventive maintenance of the machine.</li> </ol> <p><b>Training:</b></p> <ol style="list-style-type: none"> <li>Operation and application training.</li> <li>Will conduct two (2) days intensive training on the operation for all relevant staff after delivery.</li> <li>The training will also include basic and minor maintenance of the items, with emphasis on proper care and use of the unit.</li> </ol>			
MEQ21-09	<p><b>C – ARM IMAGING SYSTEM</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>Detector Image Intensifier</li> <li>X-ray Generator Type Compact High Frequency, 40Hz</li> <li>Power rating: Kw @ 100kVp, 2.5kW</li> <li>X-ray Tube Anode Stationary @220 VAC 20mA, 10mA for 100-120V systems</li> <li>Heat capacity, HU – Anode 76,000</li> <li>Heat capacity, HU – Housing 900,000</li> <li>Cooling, HU/min – Anode 37,000</li> <li>Cooling, HU/min – Housing 12,500</li> <li>Focal spot size, mm 0.6 – 1.4</li> <li>Tube power rating, kW @ 100 kVp 2.5kW</li> </ol>	1	7,000,000.00	Sixty (60) to Ninety (90) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	11. Collimator Type PreView Iris 12. Collimator Material Tungsten <b>Fluoroscopic Mode:</b> 1. kV range 40 – 100kV 0.1 – 4 normal, 01 – 2 low dose, 0.2-12 HLF 2. Pulse per sec, 1, 2, 4, 8, 12 pps 0.1 – 4 normal 3. mA range pulsed fluoro 0.1-2 low dose 0.2 – 25 HLF 1. ABS control (automatic brightness yes stabilization) 2. Snapshot Digital Spot <b>Digital Cine Mode:</b> 1. mA range up to 25 mA 2. Pulse rate 1, 2, 4, 8, 12 fps 3. Pulse width 50ms <b>Digital Spot Mode:</b> 1. kV range 40 – 110 kV 2. mA range 20 mA, 10 for 100 – 120V system 3. max exposure (s) <b>Detector and Monitors:</b> 1. Detector Size 23/16/12 cm (9"/6"/4.5") 2. FOV, cm (in) Material Image Intensifier 3. Pixel pitch (µm) 4. Size, type, # of Monitors, inch 69 cm (27") HD LCD display 5. 5 Ranges of Motion: 210° swivel mainframe, 180° swivel at center, 5° up / 25° down tilt, 178° horizontal and vertical viewing angle 6. Monitor movement <b>Image Processing and Storage:</b> 1. DQE (typical) 65% 2. Image matrix size 1k x 1k x 16 bit 3. Dynamic Recording, Frames / sec 4, 8, 12, 25 dep on config 4. Capacity, number of images Up to 100,000 images 5. Video / images storage type Digital memory, USB 6. With Last-image hold 7. Capable of Digital Subtracted Angiography 8. Capable of Peak Opacification 9. Minimizing recording time is 90 minutes 10. Automatic playback; frame by frame review, including touch screen slider. 11. Should be capable of Frame integration 12. DICOM Classes Optional Storage commit, store, query, retrieve, modality, worklist and print <b>Physical Specification:</b>			



ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<ol style="list-style-type: none"> <li>Free space, cm (in) 78 cm (30.7")</li> <li>SID, cm (in) 100cm (39.4")</li> <li>Distance from panel to floor (cm) 128cm</li> <li>Depth, cm (in) 66cm (26.0in)</li> <li>Horizontal travel, cm (in) 20cm (7.9in)</li> <li>Vertical travel, cm (in) 44cm (17.3in)</li> <li>Panning motion, degree (wig wag) 25° (+/- 12.5°)</li> <li>Pivot lateral Rotation, degrees 410° (+/- 205°)</li> <li>Orbital Rotation, degrees 120° (90°/30°)</li> <li>With Reverse position</li> <li>Power Requirements: (60 or 50Hz): 100V/110V/120V @ 20A, 200V @ 12A, 220V/230V/240V @ 10A</li> <li>H x W x D of C-arm frame, cm (in) 179 cm x 78cm x 179 cm (70.5 x 30.7 x 70.5in)</li> <li>Weight, kg (lb) 310kg (683lb)</li> </ol> <p><b>Other Specifications:</b></p> <ol style="list-style-type: none"> <li>26cm (10.1in) tablet with swivel, tilt.</li> <li>Simplified user controls at tablet with synchronized imaging to main display.</li> <li>Main display on articulating arm with wide range of motions.</li> <li>Advanced imaging software with ADRO: Adaptive Dynamic Range Optimization and noise and motion artifact reduction.</li> <li>Vascular and DSA Capable Yes</li> </ol> <p><b>Accessories:</b></p> <ol style="list-style-type: none"> <li>3 pairs of Radiation Glasses</li> <li>3 pieces of lead apron</li> <li>3 pieces of thyroid collar</li> <li>1 bottle cleaning solution spray</li> </ol> <p><b>Manual:</b></p> <ol style="list-style-type: none"> <li>Operator's / User's Manual in English</li> <li>Service / Technical and Maintenance Manual in English.</li> </ol> <p><b>Training:</b></p> <ol style="list-style-type: none"> <li>All trainings shall be conducted within two (2) weeks from acceptance of the item/s at the expense of the winning bidder.</li> <li>Familiarization of the operating procedures of the equipment (In-House Training) for not more than five (5) staff members of the Department for two (2) days, (8 hours / day).</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>Two (2) years warranty for parts and services after the acceptance by end-user / authorized hospital personnel;</li> <li>Certification from the suppliers that the spare parts are available for at least 5</li> </ol>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>years from the date of the warranty period.</p> <p><b>Terms and Conditions:</b></p> <ol style="list-style-type: none"> <li>1. The proponent is responsible for the notifications, transportations, delivery, installation and commissioning of the supplied equipment at no cost to the government.</li> <li>2. 95% uptime of the equipment shall be guaranteed within the warranty period and that any accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>3. After Sales Service with free preventive maintenance every quarter during the warranty period and with local service repair facility.</li> <li>4. Brand manufacturer must have ISO Certification.</li> </ol>			
MEQ21-10	<p><b>PLASMA GAS STERILIZER</b>  <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <ol style="list-style-type: none"> <li>1. Cycle Options at least 4 cycles</li> <li>2. Validated Cycle Time: Minimum at least 24 minutes (non-lumen)</li> <li>3. Maximum at least 42 minutes (flexible scopes)</li> </ol> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Cycle Temperature: 47°C - 56°C</li> <li>2. Sterilant: Hydrogen peroxide 59%</li> <li>3. Sterilant delivery: Delivered in closed system in cassettes or its equivalent with automatic detection of expiration date</li> <li>4. Used cassette disposal: Automatic and touchless ejection into cassette disposal container</li> <li>5. Peroxide residual breakdown: Gas plasma technology breaks down H2O2 Inside its chamber into safe elements of water and oxygen. Safe for operators, instruments, and environment.</li> <li>6. Configurations: Double door (option)</li> <li>7. System dimensions (max): Height: 1800mm Width: 775mm Depth: 1055mm</li> <li>8. Chamber useable volume: At least 90L / 152L Total Volume</li> <li>9. Chamber dimensions (max): Height: 410mm Width: 510mm Depth: 735mm</li> <li>10. Chamber shape: Rectangular to accommodate instrument trays</li> </ol>	1	7,500,000.00	Thirty (30) to Sixty (60) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>11. Shelf Info: two-tiered shelf: Width: 444mm Depth: 643mm 4 casters (2 locking)</p> <p>12. System weight: 408kg</p> <p>13. User Interface: Touchscreen technology: projected capacitive touch Resolution: 800 x 600 pixels with LARGE fonts.</p> <p>14. Supported USB devices: barcode reader – External Drives: USB that allows data upload and download connection</p> <p>15. Standards / Compliance: Sterilizer manufacturer should be able to get the Instrument Reprocessing Quality Management requirements like functionality check as per their Sterility Guide; Sterility check as per ISO 14937:2001 and processing confirmation as per MDM IFU / AAMI ST 81. Widely endorsed by well-known device manufacturer</p> <p><b>Sterilization Specifications:</b></p> <p>1. Sterilization Process: Terminal-sterilization, double-kill cycle to provide a Sterility Assurance Level (SAL) of 10<sup>-6</sup>; 2 injections and identical plasma phases. Plasma Phase should be generated INSIDE the sterilization chamber to ensure all residual H<sub>2</sub>O<sub>2</sub> is neutralized to water vapor and oxygen. Configured to meet international standards.</p> <p>2. Delivered sterilant concentration: 58% - 90%</p> <p>3. Sterilization cycle monitoring: Critical system parameters monitored with on-board sensors, and chemical indicators; IMS (independent monitoring system) available</p> <p>4. Biological Indicator Reading Time: Maximum 30 minutes to result; Self reading; self-documenting</p> <p>5. H<sub>2</sub>O<sub>2</sub> concentration continuous monitoring: Monitoring using UV sensor within the chamber</p> <p>6. Lumen Claims: internal diameter ≥0.7mm; length: ≤1,000mm up to 40 tubings</p> <p><b>Installation and Electrical Requirements:</b></p> <p>1. Electrical power specifications: 380-415VAC, 50/60Hz, 5-wire grounding outlet attached to a dedicated 30-amp, 3-phase wye configuration circuit with separate neutral and ground conductors</p> <p><b>Networking and Data Recording:</b></p>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months																																	
	<div>1. System performance data and reports: Cycle history, full 1-second data files, and reports readily available. Cloud ready for remote troubleshooting.</div> <div>2. Network connectivity: Communication protocol for Instrument Tracking Systems (ITS)</div> <div>3. Data Recording: Electronic data storage up to 200 cycles; Internal printer for manual record keeping</div> <div>4. Expanded storage with ASP access 500GB</div> <div>5. Full electronic cycle data and reports readily available through integrated technology and / or Cloud storage</div> <div><b>Starter Kit Included:</b><table><tr><th>CONSUMABLES</th><th>UOM</th><th>PRICE</th></tr><tr><td>Sterilization Cassettes (H2O2)</td><td>Box of 2's</td><td></td></tr><tr><td>Sterilization Velocity Biological Indicator</td><td>1 Box, 30 pcs</td><td></td></tr><tr><td>Sterilization Pouch Roll 3" x 70M</td><td>1 roll</td><td></td></tr><tr><td>Sterilization Pouch Roll 4" x 70M</td><td>1 roll</td><td></td></tr><tr><td>Sterilization Pouch Roll 6" x 70M</td><td>1 roll</td><td></td></tr><tr><td>Sterilization Pouch Roll 8" x 70M</td><td>1 roll</td><td></td></tr><tr><td>Sterilization Pouch Roll 10" x 70M</td><td>1 roll</td><td></td></tr><tr><td>Sterilization Pouch Roll 14" x 70M</td><td>1 roll</td><td></td></tr><tr><td>Sterilization Pouch Chemical Indicator Strips</td><td>1 box, 1000pcs</td><td></td></tr><tr><td>Chemical Indicator Tape</td><td>1 box, 6 rolls</td><td></td></tr></table></div> <div><b>*Consumables are readily available in the Philippine market for the next 20 years</b></div> <div><b>Manual:</b><div>1. Operator's / User's Manual in English.</div><div>2. Service / Technical and Maintenance Manual in English.</div></div> <div><b>Training:</b><div>1. All trainings shall be conducted within two (2) weeks from acceptance of the item/s at the expense of the winning bidder.</div><div>2. Familiarization of the operating procedures of the equipment (In-House Training) for not more than 2 Technicians and 2 Engineers with twice every year for</div></div>	CONSUMABLES	UOM	PRICE	Sterilization Cassettes (H2O2)	Box of 2's		Sterilization Velocity Biological Indicator	1 Box, 30 pcs		Sterilization Pouch Roll 3" x 70M	1 roll		Sterilization Pouch Roll 4" x 70M	1 roll		Sterilization Pouch Roll 6" x 70M	1 roll		Sterilization Pouch Roll 8" x 70M	1 roll		Sterilization Pouch Roll 10" x 70M	1 roll		Sterilization Pouch Roll 14" x 70M	1 roll		Sterilization Pouch Chemical Indicator Strips	1 box, 1000pcs		Chemical Indicator Tape	1 box, 6 rolls				
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ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>refresher course.</p> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>Two (2) years warranty for parts and services after the acceptance by the end-user / authorized hospital personnel.</li> <li>Certification from the supplier that the spare parts are available for at least 5 years from the date of the warranty period.</li> </ol> <p><b>Terms and Conditions:</b></p> <ol style="list-style-type: none"> <li>Installation must be 30 to 60 days</li> <li>The proponent is responsible for the notifications, transportation, delivery, installation and commission of the supplied equipment at no cost to the government.</li> <li>95% uptime of the equipment shall be guaranteed within the warranty period and that any accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>After Sales Service with free preventive maintenance every quarter during the warranty period and with local service repair facility that is available 24 hours, 7 days a week. Response time is within 24 hours after receipt of notice for servicing.</li> <li>Brand manufacturer must have ISO Certification.</li> <li>Bid offer in Philippine Peso shall include taxes and duties, transportation to site delivery, installation and testing expense on site by the bidder.</li> <li>Guaranteeing delivery equipment and all accessories within 30-60 calendar days upon receipt of Notice to Proceed or request of NCMH to delivery.</li> <li>The terms and conditions stated in the contract shall be honored by the manufacturer in the event that a change of authorized distributorship will occur during the said contract.</li> </ol>			
<b>BEDSIDE/NURSING CARE EQUIPMENT</b>				
MEQ21-11	<p><b>INFUSION PUMP</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>Sensitive air bubble detector, with built-in thermostat 30-45C adjustable.</li> <li>Pressure sensor specially designed to</li> </ol>	12	840,000.00	Sixty (60) to Ninety (90) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>sensitively detect occlusion pressure in I.V. set</p> <p>3. Pump door handle, durable metal design avoid breakage</p> <p>4. Double infusion mode: volumetric and drop rate</p> <p>5. Anti-bolus</p> <p>6. Automatically switch to KVO function after infusion completion</p> <p>7. Rechargeable Ni-MH battery 5 hours at 30ml</p> <p>8. Memory of last operation setting parameters</p> <p>9. Extensive flow rate range, from 0.1ml/hr to 1500ml/hr, 0.1ml increments</p> <p><b>Technical Details:</b></p> <p>1. Pumping mechanism: Curvilinear peristaltic</p> <p>2. Dimensions: 174 x 126 x 215mm (WxDxH)</p> <p>3. Weight: approximately 2.5kg</p> <p>4. Waterproof classifications: IPX3</p> <p>5. IV Set and Accuracy:</p> <p>(a) IV Set selection: 6 kinds of IV set data selectable and storable</p> <p>(b) IV Set: compatible with IV set of any standard</p> <p>(c) VTBI range: 0.1-9999ml</p> <p>(d) Flow rate: 0.1-1500ml/h (0.1ml/h increments)</p> <p>(e) Purge / Bolus rate: 100-1500ml/h (0.1ml increments)</p> <p>(f) Bolus Volume: 1-20ml/h (1ml increments)</p> <p>(g) Infusion accuracy + / - 3%</p> <p>(h) KVO rate: 0.1-5ml/h (0.1ml/h increments)</p> <p>(i) Anti-bolus system reduce, pressure on sudden release of occlusion</p> <p>6. Alarms:</p> <p>(a) Audible and visual alarm</p> <p>(b) 9 kinds: Occlusion, air-in-line, pump door open, infusion completion, low battery, drop rate abnormal, flow rate, abnormal, KVO, unattended</p> <p>7. Battery / Operation / Charging: Ni-MH / 5Hrs (at 30ml/hr/ more than 8 hours)</p> <p><b>Price Basis:</b></p> <p>3. Includes the export packaging of the item, freight and handling from the port of origin to port of entry, local forwarding, brokerage, storage, local and import taxes and duties, also includes the testing,</p>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>commissioning, and warranty.</p> <p>4. Price Validity: Thirty (30) days from date hereof</p> <p>5. Delivery Period: Sixty (60) to Ninety (90) days upon receipt of a confirmed Purchase Order from the Hospital</p> <p><b>After Sales Support and Services:</b></p> <p>1. In the event that problems arise under normal use, the equipment shall service by the Company's Service personnel <b>Free of Charge during the Warranty Period.</b></p> <p>2. <b>Product specialist / biomedical team on-site training:</b> The company must include training by product specialist and biomedical engineers for technical and product use after the installation of the equipment. Training of the end-users must be for 2-3 days or depend upon the request of the end-users until the product is well known by the hospital staff</p> <p>3. <b>Biomedical Response time:</b> 24 hrs</p> <p>4. <b>Product Warranty:</b> One (1) year from the date of installation and acceptance to include standard warranty.</p>			
<b>OPHTHALMOLOGY EQUIPMENT</b>				
MEQ21-12	<p><b>PHACOAEMULSIFICATION (ANTERIOR) AND POSTERIOR VITRECTOMY MACHINE (ANTERIOR / POSTERIOR VITRECTOMY / COMBINED)</b></p> <p><b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <p><b>Technical Specifications:</b></p> <p>1. High speed Vitrectomy Probe capable of 30 – 5,000 cuts per minute</p> <p>2. Full flexibility for Pneumatic Vitrectomy surgery with 20, 23 and 25 ga vitrectomy packs</p> <p>3. Latest generation Venturi pump system</p> <p>4. Modular and adaptable to future upgrades</p> <p>5. Phacoemulsification with Microincision Cataract Surgery (MICS) 1.8mm technology ready</p> <p>6. With Gravity and Air Forced Infusion</p> <p>7. With Dual Independent Lamp (Xenon and Xenon-Mercury vapour) – 3 surgeon – controlled filters for increased safety and differentiated viewing (Green, Yellow, Amber)</p> <p>8. Wireless remote control</p> <p>9. 19" Articulating LED Touch Flat Screen</p> <p>10. One step easy prime and tune</p>	1	5,500,000.00	Thirty (30) to Sixty (60) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	11. With Show me Step software that will guide the Doctors, Nurses and Staff 12. With built in coagulation for cautery 13. With Set-up screen for Video DFU's (Direction for Use) 14. Power Supply: 110-240VAC, 60Hz (Auto Volt) 15. Two USB ports for Data Storage for Doctors Settings 16. Illumination (Xenon and Xenon-Mercury Vapour) 17. Wireless Foot Control (Single Linear, Dual Linear, Co-Linear Programming) <b>Warranty:</b> 1. One year warranty for parts 2. Two year warranty for service 3. Preventive Maintenance for one year (quarterly) 4. Repair facility in the country 5. ISO Certified company 6. Delivery and installation 30-60 days upon receipt of P.O <b>Training Requirements:</b> 1. To provide the following training to (2) end-users (LOCAL): (a) Basic Set up and Operation Training (b) Basic Maintenance Training			
MEQ21-13	<b>AUTOREFRACTOR AND KERATOMETER</b> <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b> <b>AUTO REFRACTOMETER</b> <b>Technical Specifications:</b> 1. Measurement Range: (a) Sphere -30.00 to +25.00 D (VD = 12mm) (0.01 / 0.12 / 0.25 D increments) (b) Cylinder : 0 to ±12.00 D (0.01 / 0.12 / 0.25 D increments) (c) Axis: 0 to 180° (1° / 5° increments) (d) Minimum measurable pupil : diameter : Ø2mm <b>AUTO REFRACTOMETER</b> <b>Technical Specifications:</b> 1. Measurement Range: (a) Curvature radius 5.00 to 13.00 mm (0.01mm increments) (b) Refractive power: 25.96 to 67.50 D (0.01 / 0.12 / 0.25 D increments) (c) Cylindrical power: 0 to ±12.00 D (0.01 / 0.12 / 0.25 D increments) (d) Axis: 0 to 180° (1° / 5° increments)	1	500,000.00	Thirty (30) to Sixty (60) Calendar days



ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>(e) Sagittal measurement: 25° each from the center (superior side, inferior side, temporal side, nasal side)</p> <p>(f) PD Measurement range: 30 to 85 mm (1 mm increments)</p> <p>(g) Pupil Size Measurement range: 1.0 to 10.0 mm (0.1 mm increments)</p> <p>(h) Auto tracking: X-Y-Z directions</p> <p>(i) Auto Shot: Available</p> <p>(j) Patient Fixation Target: Hot-air balloon</p> <p>(k) Display: Tilttable 6.5-inch color LCD</p> <p>(l) Interface RS-232C (in / out), LAN, USB</p> <p>(m) Power Supply: AC 100 to 240 V, 50 / 60 Hz</p> <p>(n) Power Consumption: 100 VA</p> <p>(o) Dimensions / Mass: 260 (W) x 495 (D) x 457 (H) mm / 20 kg</p> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. Three year warranty for parts and service</li> <li>2. Preventive maintenance for one year (quarterly)</li> <li>3. Repair facility in the country</li> <li>4. Delivery and installation 30-60 days upon receipt of P.O</li> <li>5. ISO Certified Company</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>(a) Basic Set up and Operation Training</li> <li>(b) Basic Maintenance Training</li> </ol> </li> </ol>			
MEQ21-14	<p><b>YAG LASER</b></p> <p><b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <p><b>TREATMENT LASER</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Laser Source: Q-switched Nd:YAG</li> <li>2. Wavelength: 1,064 nm</li> <li>3. Pulse Width: 3 ns</li> <li>4. Pulse repetition rate: 3 Hz (single) / 1.5 Hz (burst)</li> <li>5. Output energy: 0.3 to 10.0mJ / pulse</li> <li>6. Burst mode: 1, 2 and 3 pulses per trigger</li> <li>7. Spot size: 8µm</li> <li>8. Cone angle: 16°</li> <li>9. Focus shift: 0 to ±500 µm</li> <li>10. 635 nm / OFF, 0.5 to 25 µW</li> <li>11. Dual aiming beam: 360° rotating aiming beam</li> </ol> <p><b>SLIT LAMP</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Illumination: LED lamp</li> </ol>	1	1,900,000.00	Thirty (30) to Sixty (60) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<ol style="list-style-type: none"> <li>Magnification: 5x (40.7 mm), 8x (25.7 mm), 12.5x (16.1 mm), 20x (10.1 mm), 32x (6.4 mm)</li> <li>Slitlamp Joystick: Motorized with smart switch – changes treatment settings</li> <li>Control Box: Colored LCD Touch Screen</li> <li>SD Card (Key Card) : for software upgrade</li> <li>Power supply: AC 100 to 240 V, 50 / 60 Hz</li> <li>Power Consumption: 100 VA</li> <li>Dimension: 346 (W) x 422 (D) x 577 (H) mm / 18 kg 13.6 (W) x 16.6 (D) x 22.7 (H) / 39.7 lbs.</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>Three year warranty for parts and service</li> <li>Preventive Maintenance for one year (quarterly)</li> <li>Repair facility in the country</li> <li>ISO Certified company</li> <li>Delivery and installation 30 – 60 days upon receipt of P.O</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>Basic Set up and Operation Training</li> <li>Basic Maintenance Training</li> </ol> </li> </ol>			
MEQ21-15	<p><b>CHART PROJECTOR</b> [ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>Chart 41 Chart 34 masks, Red / Green and Polarization Filters</li> <li>Projection Distance 2.5-8m</li> <li>Chart Rotation speed / Average 0.15 sec</li> <li>Projection Magnification: 30x at 5m</li> <li>Power Saving / Automatic switch off (10min)</li> <li>Program 2 programs with a maximum of 30 charts each</li> <li>Tilt Angle: 15 degrees</li> <li>Power Supply: 100-120V 50Hz : 0.6A, 200-240V 60Hz: 0.3A</li> <li>Lamp: LED 4W</li> <li>Dimension: 270(W) x 182(D) x 230(H) mm / Weights: 3.44kg</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>One year warranty for parts and service</li> <li>Preventive Maintenance for one year (quarterly)</li> <li>Repair facility in the country</li> <li>ISO Certified company</li> <li>Delivery and installation 30 – 60 days upon</li> </ol>	1	120,000.00	Thirty (30) to Sixty (60) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>receipt of P.O</p> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>Basic Set up and Operation Training</li> <li>Basic Maintenance Training</li> </ol> </li> </ol>			
MEQ21-16	<p><b>DIGITAL SLIT LAMP</b></p> <p><b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <ol style="list-style-type: none"> <li>Country of Origin: G7 Country</li> <li>Capability to capture Color and B/W Images</li> <li>Auto Exposure Function</li> <li>Capability to capture rapid series of images with one shot</li> <li>Real time live image will be seen on the monitor</li> <li>Video Capability with LAN connection interface included</li> <li>CMOS Camera included</li> <li>With Applanation Tonometer</li> <li>Capability to visualize Endothelial Cells</li> <li>Type: Galilean Type</li> <li>Magnification: At least 3 step Magnification</li> <li>Eyepiece: 12.5x</li> <li>PD adjustment: 60 to 75mm</li> <li>Slit width: 0 to 9mm, can be altered gradually (9mm=circle)</li> <li>Slit length: 1 to 8mm, can be altered gradually</li> <li>Aperture diameter: Ø9, 8, 5, 3, 2, 1, 0.2mm</li> <li>Slit direction: Vertical to horizontal, can be altered gradually</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>Two year warranty for parts and service</li> <li>Preventive Maintenance for one year (quarterly)</li> <li>Repair facility in the country</li> <li>ISO Certified company</li> <li>Delivery and installation 30 – 60 days upon receipt of P.O</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>Basic Set up and Operation Training</li> <li>Basic Maintenance Training</li> </ol> </li> </ol>	1	1,300,000.00	Thirty (30) to Sixty (60) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
MEQ21-17	<b>OPHTHALMIC MICROSCOPE FOR ANTERIOR AND POSTERIOR SURGERY</b> <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b> <ol style="list-style-type: none"> <li>1. Light source LED</li> <li>2. Illumination Delivery Directly mounted on optical head</li> <li>3. Illumination Type Adjustable illumination 2°-6°</li> <li>4. Filters Retina protection filter, Halogen mode</li> <li>5. Visualization-Apochromatic-Adjustable illumination</li> <li>6. Zoom system (surgeon) Motorized continuous zoom</li> <li>7. Magnification (surgeon) 4.3x – 25.5x motorized zoom</li> <li>8. Focus system (surgeon) Motorized focus</li> <li>9. Total Focus range (surgeon) 48mm</li> <li>10. Focus System (assistant) manual adjustment</li> <li>11. Eyepiece 12.5x</li> <li>12. Tubes (surgeon) – invertertube</li> <li>13. Tubes (assist) – Invertertube</li> <li>14. Assistant Scope Integrated assistant scope</li> <li>15. Zoom system (assistant) 3-step mag changer</li> <li>16. Objective lens f=200mm</li> <li>17. Footswitch connection wired footswitch</li> <li>18. Functions 12 functions</li> <li>19. XY coupling travel range 60mm / 60mm</li> <li>20. Foot dimension 600 x 600mm</li> <li>21. Stand height 1735mm</li> <li>22. Microscope head tilt angle +30° / -90°</li> <li>23. Suspension arm stroke ±300mm</li> <li>24. Microscope handles standard microscope handles</li> <li>25. Fundus viewing system option</li> <li>26. With outstanding fundus viewing system and aspheric lenses inclusions</li> <li>27. Lens Holder LH 200</li> <li>28. Lens Holder Rotation 0° - 360° (in 30° increments)</li> <li>29. Lenses 60D Aspheric Lens 128D Aspheric Lens</li> <li>30. Sterilization Tray Metal Sterilization Tray</li> <li>31. Programmable user presets Fixed footswitch Presets</li> <li>32. Rated Voltage: 100VAC – 240VAC</li> <li>33. Rated Frequency: 50Hz – 60Hz</li> </ol>	1	6,000,000.00	Sixty (60) to Ninety (90) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>34. UPS 2 KVA UPS</p> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>Two year warranty for parts and service</li> <li>Preventive Maintenance for 2 years</li> <li>Repair facility in the country</li> <li>ISO Certified company</li> <li>Delivery and installation 60 – 90 days upon receipt of P.O</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>Will provide the following Medical Training to (2) end-users (LOCAL)               <ol style="list-style-type: none"> <li>Basic Set up and Operation Training</li> <li>Basic Maintenance Training</li> </ol> </li> </ol>			
MEQ21-18	<p><b>OPHTHALMIC ULTRASOUND A/B SCAN</b>  <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <p><b>B-Scan:</b></p> <ol style="list-style-type: none"> <li>Probe: 10 MHz transducer, 10 frames / second</li> <li>Scan Angle: 60°</li> <li>Scan depth: Normal (35mm / 1550 m/s), Long (50mm / 1550 m/s)</li> <li>Sector line density: 400 lines</li> <li>Zoom: x2.5, x5.0</li> <li>Moving image record: Approximately 20 seconds</li> <li>Scale: Color, Gray scale 256 levels</li> <li>Gain / TGC: 0 to 90 dB variable / 0 to -20 dB variable</li> <li>Gain curves: Log, Liner, S-curves</li> </ol> <p><b>Biometry (A-scan):</b></p> <ol style="list-style-type: none"> <li>Probe: 10 MHz solid probe</li> <li>Internal fixation: LED (red)</li> <li>Measurement value: Axial length, Anterior chamber depth, lens thickness, vitreous body length</li> <li>Accuracy: 0.1mm</li> <li>Range: 12 to 40mm</li> <li>Minimum indicated unit: 1µm</li> <li>Built-in IOL formula: BINKHORST, HOLLADAY, SRK, SRK II, SRK/T, HOFFER Q, HAIGIS</li> <li>IOP Correction: Available</li> <li>Display: 8.4-inch TFT color LCD (XGA: 1024 x 768)</li> <li>Printer: Thermal type line printer (easy loading and auto cutter)</li> <li>Interface: USB memory (1.1), LAN, RS-232C for KM communication, Video out (NTSC)</li> <li>Power Supply: AC 100 to 120 V 10%, 230V 10%, 50/60Hz</li> </ol>	1	1,500,000.00	Thirty (30) to Sixty (60) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	13. Power Consumption: 70 VA 14. Others: Ready to be connected / imported to a computer for filing and external printing <b>Warranty:</b> 1. One year warranty for parts and service 2. Preventive Maintenance for one year (quarterly) 3. Repair facility in the country 4. ISO Certified company 5. Delivery and installation 30 – 60 days upon receipt of P.O <b>Training Requirements:</b> 1. Will provide the following Medical Training to (2) end-users (LOCAL) (a) Basic Set up and Operation Training (b) Basic Maintenance Training			
MEQ21-19	<b>90D LENS</b> <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b> 1. Primary Application – General Diagnosis and Small Pupil Examinations 2. Original 90D Lens started the slit lamp fundus examination revolution 3. Small diameter ring is ideal for dynamic fundoscopy 4. Outstanding general diagnostic lens, even through small pupil 5. Field of View: 74° / 89° 6. Image Magnification: 0.76x 7. Laser Spot Magnification: 1.32x 8. Working Distance: 7mm	1	31,000.00	Thirty (30) Calendar days
MEQ21-20	<b>G-3 GONIOFUNDUS LENS</b> <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b> 1. Primary Application: Viewing and Treatment of the Anterior Chamber and Central and Peripheral Fundus 2. All glass design provides superior clarity and durability compared to acrylic lenses 3. Mirrors are accurately angled to eliminate gaps and visualized fundus 4. Flanged version provides stability for trabeculoplasty 5. No flange version ideal for gonioscopy 6. Lens Diameter: G-3 goniofundus 15mm 7. Mirror Angles: 60/66/76° 8. Image Magnification: 1.06x 9. Laser Spot Size 10. Contact Diameter: .94	1	32,000.00	Thirty (30) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
MEQ21-21	<b>ABRAHAM IRIDECTOMY LENS</b> <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b> 1. 10mm diameter, 66D magnifying button in the anterior surface of the lens is positioned over the peripheral iris to give a clear view of the iridectomy site. Laser efficiency is increased compared with using no lens. The lens also helps stabilize the patient's eye and retains the eye lids. 2. Image Magnification: 1.5x 3. Laser Spot Magnification: .67c 4. Contact Diameter: 15.5mm 5. Lens Height: 16.5mm	1	37,500.00	Thirty (30) Calendar days
MEQ21-22	<b>ABRAHAM CAPSULOTOMY LENS</b> <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b> 1. Stabilizes the patient's eye and minimizes the possibility of pitting the IOL during Nd: YAG laser capsulotomy. A 10mm diameter, 66D magnifying button in the center of the lens enhances visualization and allows precise laser focus on the posterior capsule 2. Image magnification 1.8x 3. Laser Spot Magnification 0.56x 4. Contact Diameter 15.5mm 5. Lens Height 16.5	1	37,500.00	Thirty (30) Calendar days
MEQ21-23	<b>TRIAL LENS KIT</b> <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b> <b>Technical Specifications:</b> 1. Spheres: 40 pairs each of concave and convex (a) 0.25D to 6.00D in 0.25 step (b) 6.50D to 10.00D in 0.50 step (c) 11.00D to 15.00D in 1.00 step 2. Cylinders: 20 pairs each of concave and convex (a) 0.25D to 4.00D in 0.25 step (b) 4.50D to 6.00D in 0.50 step 3. Prisms: 12 pieces (a) 0.5(2)1.0 to 10.0 in 1.0 step (b) Accessories: 14 pieces RF, GF, BL, PL (2), MR (2), FL, CL (2), PH (2), SS, PF Cross cylinder X0.25 X0.50	1	40,000.00	Thirty (30) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
MEQ21-24	<p><b>PHACOEMULSIFICATION &amp; MINOR INSTRUMENT SET [MICROSURGERY CATARACT AND INTRAOCULAR LENS SET]</b></p> <ol style="list-style-type: none"> <li>1. Bar. Wire Speculum Adult</li> <li>2. Jaffe Tying Forceps</li> <li>3. Mcpherson Forceps 11mm</li> <li>4. Mc PhersonCoreal 1 Forceps</li> <li>5. Dastor Superior Rectus Forceps</li> <li>6. Forceps criss-cross serrated</li> <li>7. Corneal Scissor (Small)</li> <li>8. Vannas Scissor Angled</li> <li>9. Wescott Stitch scissor (very sharp pointed tips)</li> <li>10. Barraquer Needle Holder</li> <li>11. Hartman Mosquito Forceps (Straight)</li> <li>12. Hartman Mosquito Forceps</li> <li>13. Rycroft Air Injection Cannula 23G</li> <li>14. I/A Simcoe Cannula 23G</li> <li>15. Bard Parker Flat Handle</li> <li>16. Phaco Chopper Sharp Edge</li> <li>17. Sinskey Hook</li> <li>18. Lewis Lens loop (small)</li> <li>19. Smith Lens Expressor</li> <li>20. Sterilization Box Complete – Small</li> </ol> <p><b>MICROSURGERY PTERYGIUM SET</b></p> <ol style="list-style-type: none"> <li>1. Lancaster Eye Speculum Solid Blade</li> <li>2. Barr. Cataract Knife in Sliding Case</li> <li>3. Paufigue Graft Knife – Angled Tip</li> <li>4. Paton Corneal Dissector</li> <li>5. Castroviej Needle Holder delicate jaws curved without lock</li> <li>6. Bonocolto Utility Forceps, 1.2m</li> <li>7. St Martin Suturing Forcep</li> <li>8. Strabismus Scissor</li> <li>9. Iris Scissors Delicate pointed tips ring, straight 3.5'</li> </ol> <p><b>MICROSURGERY LID SET</b></p> <ol style="list-style-type: none"> <li>1. Lancaster Eye Speculum Solid Blade</li> <li>2. Desmares Lid Retractor Size 0</li> <li>3. Jaeger Lid Plate</li> <li>4. Muscle Hook Size 3</li> <li>5. MeyerhoeferChalazion Curette</li> <li>6. St Martin Suturing Forcep</li> <li>7. Fixation Forcep</li> <li>8. Beer Cilia Forcep</li> <li>9. Snellen Entropium Forceps, Left Small</li> <li>10. Ayer Chalazion Forceps</li> <li>11. Lambert ChalazionForcep 8mm Round</li> <li>12. Tying Forcep Straight</li> <li>13. Hartman Mosquito Forcep (Straight)</li> <li>14. Hartman Mosquito Forcep</li> </ol>	2	137,000.00	Thirty (30) Calendar days



ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	15. Wescott Stitch scissor (very sharp pointed tips) 16. Eye Scissors curved 4 ½" length 17. Tenotomy Scissor 18. Kalt needle holder, Straight 19. Barraquer Needle Holder 20. Bard Parker Flat Handle 21. Caliper Straight 22. Corneal Scissor (Small) <b>MICROSURGERY ENUCLEATION SET</b> 1. Lancaster Eye Speculum Solid Blade 2. Graef Muscle Hook 3. Wells Enucleation Spoon 4. Elsching Fixation Forceps 5. Halsted Mosquit Forceps delicate 5.25 (145mm) 6. Tenotomy Scissor 7. Enucleation Scissor Ring Andel Straight 3.5' length 8. Iris Scissors Delicate pointed tips ring, straight 3.5'			
<b>OBSTETRICS-GYNECOLOGICAL MEDICAL INSTRUMENTS / EQUIPMENT (LOT Items No. 25-28)</b>				
MEQ21-25.a	<b>EXAMINATION TABLE HAMILTON TYPE WITH STIRRUPS</b> <b>General Consideration:</b> All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new 1. Delivery Table / Bed, made in 3 sections 2. Size: 1680 x 620 x 800mm 3. With adjustable back rest and leg rest to varying positions 4. Framework made of mild steel epoxy coated finish 5. Supplied with S.S bowl and two leg holders 6. Mounted on protective stumps 7. Freight saving knock-down construction	1	15,500.00	Seven (7) to Fifteen (15) Calendar days
MEQ21-25.b	<b>FETAL DOPPLER EDAN POCKET DOPPLER</b> <b>General Consideration:</b> All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new <b>Technical Specifications:</b> <b>Physical Characteristics:</b> 1. <b>Main Unit:</b> a. Size: 34 (Depth) x 89 (Width) x 141 (Height) mm +/- 1mm b. Weight: <300 grams (including battery and probe) 2. <b>Probe:</b>	3	46,500.00	Seven (7) to Fifteen (15) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<ul style="list-style-type: none"> <li>a. Water-proof Probe: IPX8</li> <li>b. Weight: 100 grams</li> <li>c. Cable length: 2.5m</li> <li>d. Size: 88 mm (Diameter) x 35 mm (Thickness)</li> </ul> <p><b>3. Display:</b></p> <ul style="list-style-type: none"> <li>a. 45mm x 25mm LCD Display</li> </ul> <p><b>4. Ultrasound:</b></p> <ul style="list-style-type: none"> <li>a. Working mode: Continuous Wave Doppler</li> <li>b. Frequency: <ul style="list-style-type: none"> <li>o Obstetrics <ul style="list-style-type: none"> <li>▪ 2 MHZ (standard)</li> <li>▪ 3 MHZ (Option)</li> </ul> </li> </ul> </li> <li>c. Intensity (<i>I<sub>ob</sub></i>): &lt;10mW/cm<sup>2</sup></li> <li>d. FHR Range: 50 bpm – 210 bpm</li> <li>e. FHR Resolution: 1bpm</li> <li>f. Accuracy: +/- 3bpm</li> </ul> <p><b>Sensitivity:</b> 10 weeks gestation (3MHz)</p> <p><b>Audio Output Power:</b> 1 W</p> <p><b>Auto Shut Down:</b> 1 minute after no signal or operation, auto shut down</p> <p><b>5. Battery:</b></p> <ul style="list-style-type: none"> <li>a. Alkaline battery (AA LR6 1.5V)</li> <li>b. Rechargeable battery (AA R6 1.2V)</li> </ul> <p><b>6. Safety:</b></p> <ul style="list-style-type: none"> <li>a. Complies with IEC 60601-1:1988+A1+A2, EN 60601-1:1990+A1+A2 IEC/EN 60601-1-2:2007, IEC/EN 61266</li> </ul>			
MEQ21-25.c	<p><b>DELIVERY TABLE</b></p> <p><b><u>Universal Operating Table with Complete Basic Accessories</u></b></p> <p>ISO 9001:2008, ISO 13485:2003, CE Declaration of Conformity &amp; ELM-1260 Certificate</p> <p><b><u>General Consideration:</u></b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b><u>Technical Specifications:</u></b></p> <p>The tabletop should be radiolucent material &amp; X-Ray access.</p> <ul style="list-style-type: none"> <li>1. 5 sections table plate including head plate, back plate, sitting plate and two separate leg plates.</li> <li>2. <b><u>With leg plate fold design to avoid disassembling of the leg plate for gynecology operations, urology, etc.</u></b></li> <li>3. Max. lifting capacity should be no less than 380kg</li> </ul>	1	94,000.00	Seven (7) to Fifteen (15) Calendar days

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>4. Load capacity should be no less than 275kg</p> <p>5. The table pad should be double layered and not soft but can be molded by the figure of the patient to deliver even counter-force and reduce the possibility of ulcer, and it should be water-proof and anti-static material and can be washed by water directly; each joint should be sealed by ultrasonic not glue and sewing.</p> <p>6. The thick of the mattress should be more than 75mm</p> <p>7. It should have at least 2 control models from remote panel, column panel and foot switch.</p> <p>8. Main table articulation movement is powered by electro-hydraulic system, including break system, back plate up and down, tilt left and right, Trendelenburg and reverse Trendelenburg, table up and down, and tabletop sliding.</p> <p>9. <b><u>One-click button design for easier removal or assembly the head and leg plates.</u></b></p> <p>10. Base cover is made of ABS plastic (optional base cover is made of stainless steel (CrNi steel))</p> <p>11. Base is made of robust cast steel, grey-dyed with scratch resistant coating</p> <p>12. <b><u>It should have a battery inside the table, which can work 50-80 operations for two weeks and the battery should be standard configuration.</u></b></p> <p>13. Two standby built-in batteries</p> <p>14. With back-up control system on the column for emergency use</p> <p>15. It should have u-shaped design on base cover forming a larger space for surgeon while doing the operations</p> <p>16. Head plate and leg plate can be adjusted, attached and removable manually</p> <p>17. Gas spring enables the adjustments of leg plates with less efforts</p> <p>18. It should be interchangeable for the leg plates and head rest for normal position and reverse position</p> <p>19. Maximum imaging space up to 1,400 mm for cardiovascular or spinal surgeries</p> <p>20. It should have electric longitudinal shift function not less than 320mm enables optimum access to C-arm without repositioning the patient for imaging</p>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	<p>purposes, ideally suitable for cardiovascular or spinal surgery.</p> <p>21. <u>Manual Override System is easily access at any time and allows table articulation movements and release the break in the event of primary control or power malfunction.</u></p> <p>22. <u>Manual operations of all basic electro-hydraulic functions can be actuated by using the foot pump combined with the hand control or column backup control panel.</u></p> <p>23. It should have a build-in 120mm elevator</p> <p>24. The rails and the column of the table should be made of high-level Nickel-Chrome stainless steel.</p> <p>25. Whole table should be made from radiolucent material and without any metal cross-bar for endoscopy</p> <p>26. Optional carbon fiber tabletop guaranteeing better imaging solution</p> <p>27. Height adjustment of up to 502 mm for table's versatile positions</p> <p><b>Basis Information:</b></p> <ol style="list-style-type: none"> <li>1. Length of table <math>\geq 2060</math> mm</li> <li>2. Width of the table with rails <math>\geq 75</math> mm</li> <li>3. Thickness of mattress <math>\geq 75</math> mm</li> </ol> <p><b>Electric Function:</b></p> <ol style="list-style-type: none"> <li>1. Ultra-low position <math>\leq 498</math> mm</li> <li>2. Highest position <math>\geq 1000</math> mm</li> <li>3. Longitudinal shift <math>\geq 320</math> mm</li> <li>4. Turn left tilt <math>\geq 21^\circ</math></li> <li>5. Turn right tilt <math>\geq 21^\circ</math></li> <li>6. Trendelenburg position <math>\geq 26^\circ</math></li> <li>7. Reverse Trendelenburg position <math>\geq 26^\circ</math></li> <li>8. Back plate up position <math>\geq 80^\circ</math></li> <li>9. Back plate down position <math>\geq 40^\circ</math></li> <li>10. Flex position <math>\geq 220^\circ</math></li> <li>11. Re-flex position <math>\geq 110^\circ</math></li> <li>12. "0" position by one electric button</li> </ol> <p><b>Mechanical Function:</b></p> <ol style="list-style-type: none"> <li>1. Head plate up <math>\geq 45^\circ</math></li> <li>2. Head plate down <math>\geq 90^\circ</math></li> <li>3. Build-in elevator <math>\geq 120</math> mm</li> <li>4. Leg plate up <math>\geq 20^\circ</math></li> <li>5. Leg plate down <math>\geq 90^\circ</math></li> <li>6. Leg plates spread <math>\geq 180^\circ</math></li> </ol> <p><b>Basic Accessories:</b></p> <ol style="list-style-type: none"> <li>1. 1pc tabletop pad with special foam core pad, including one piece of back and sitting pads, one piece of head pad and a pair of leg pads.</li> </ol>			

ITEM NO.	DESCRIPTION	QTY	TOTAL	Delivered, Weeks/Months
	2. 1pc Head plate 3. 1pc Left leg plate 4. 1pc Right leg plate 5. 1pc Hand Control with Longitudinal shift function 6. 1pc Built-in body elevator, with key 7. 1pc Light Anesthesia Frame, one piece with radial universal clamp 8. 1 pair of Arm board with up and down and rotation function, one piece with one heavy radial universal clamp, Memorized foam pad and two pieces of fasten belt with clamps 9. 1 pair heavy version leg support, one pair heavy radial universal clamp, Memorized foam pad and two pieces of fasten belt.			
MEQ21-25.d	<b>DROP LIGHT / EXAMINATION LIGHT STAND LAMP / GOOSENECK FLOOR LAMP</b> <b>General Consideration:</b> All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new. <b>Technical Specifications:</b> 1. Height Range: 150mm 2. Stainless Steel 201 3. Reflector Diameter: 17cm stainless steel 201 4. Insulated blue coated flexible gooseneck 5. Tube diameter 2.5cm 6. 5 legged base casters 5cm in diameter <b>Delivery Schedule:</b> 7 to 15 days upon receipt of PO <b>Price Validity:</b> Subject to change without prior notice	3	18,000.00	Seven (7) to Fifteen (15) Calendar days



REPUBLIC OF THE PHILIPPINES  
Department of Health  
**NATIONAL CENTER FOR MENTAL HEALTH**  
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## SECTION VII Technical Specifications

### ITB No. 010-2021

**INSTRUCTION:** Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a) (ii) and/or GCC Clause 2.1(a)(ii).

ITEM	SPECIFICATION	STATEMENT OF COMPLIANCE
<b>OPERATING ROOM (OR) MEDICAL EQUIPMENT</b>		
MEQ21 -01	<b>OPERATING ROOM (OR) LIGHT SYSTEM: TWO (2) LIGHT HEADS PER SYSTEM WITH WIRELESS CAMERA.</b>	
	<b>General Considerations:</b>	
	1. This project entails: Supply, Delivery, Installation, Commissioning and Testing of OR Light System, including Civil Works (bracket, ceiling works, etc.).	
	2. All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.	
	<b>Technical Details:</b>	
	1. Light head Size: 710-800mm	
	2. Maximum Power Consumption (Total System (VA) per light head: <160VA	
	3. Power Supply Voltage: 100 – 240V AC, 50/60Hz	
	4. Illumination Level $E_c$ in 1m (lx): 160,000 from 0.8m to 1.3m	
	5. Variable light field size due to changes in distance (cm)   (inch): 16 – 30   6.3 – 11.8 each lamp	
	6. Focusable light field size (d10) in 1 m (cm)   (inch): 16 – 25   6.3 – 9.8	
	7. Color temperature (K): (a) 3,500   4,000   4,500   5,000 (b) An adjustable color temperature increases or decreases the color contrast on the wound area and provides better perception of color differences.	
	8. Color rendering index (Ra): max. 97	
	9. Dimming range (%): Endo < 10   30 – 100	

	<p>10. Depth of illumination (L1 + L2):</p> <p>(a) at 20% Ec / 2<sup>nd</sup> Edition (cm)   (inch): 193   76</p> <p>(b) at 60% Ec / 3<sup>rd</sup> Edition (cm)   (inch): 109   43</p> <p>11. Shadowing:</p> <p>(a) with 1 shadower without tube (%): 92</p> <p>(b) with 1 shadower with tube (%): 91</p> <p>(c) with 2 shadowers without tube (%): 68</p> <p>12. Average service life of the LEDs (h): &gt; 60,000</p> <p>13. Must have an automatic sensor-controlled assistance system located in the light head that identifies obstacles in the field of illumination and activates or deactivates individual LED in 1 or 2 segments that provides even lighting conditions and eliminates shadows.</p> <p>14. Sensor-controlled assistance system located in the light head that automatically maintains the brightness, color temperature and light field size even after every repositioning between 0.8m to 1.3m working distance without a need of manual adjustment</p> <p>15. One dome in hexagonal shape with circular opening of 200cm<sup>2</sup> in the middle for Laminar Airflow Systems.</p> <p>16. Must be equipped with a standard handle, sterile (reusable) operating handle with capacitive sensor or disposable handle and can be attached with a wireless HD camera.</p> <p>17. LED light diode must be replaceable as a single diode, if one Light is defective</p> <p>18. The light head can be rotated 360°</p> <p>19. Touchscreen mobile tablet that has a clearly designed graphic interface enables intuitive operation to control the settings of the light such as the light intensity, light field size, color temperature, shadow management, consistency and camera control (1pc to control the 2 light heads)</p> <p>20. Bumper Material: PU</p> <p>21. 79" HD screen</p> <p>22. With cabled charging device</p> <p>23. Dimensions (W/H/D) 1348mm x 2032mm x 61mm</p> <p>24. Light Intensity:</p> <p>(a) Can be set in the range from 30% to 100%</p> <p>(b) Can be adjusted in the light head control panel or in the mobile touchscreen tablet.</p> <p>(c) ENDO Mode switches the light head to less than 10% of the light intensity which is intended for endoscopic surgical procedures</p> <p>25. Camera system:</p> <p>(a) Wireless transmission, no cabling required.</p> <p>(b) 1080p60 Full-HD.</p> <p>(c) Camera system with Receiver Module: DVI Out and USB Slot</p> <p>(d) Equipped with WHDI (wireless high definition interface) transmitter.</p> <p>(e) Can be operated in the mobile touchscreen tablet.</p> <p>(f) Data storage allows you to quickly save images directly to a USB memory stick.</p> <p>(g) With sensor-controlled system located in the handle that provides consistent illumination and optimum video images at</p>	
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varying distances to the OR field in any movement of the light head detected by a sensor.

**Warranty Period:**

1. 3 years on parts and service
2. Commence after acceptance of End-user

**Delivery:**

1. 60-90 Calendar days upon receipt of Notice to Proceed.

**Training:**

1. 1 week on site training for hospital staff.
2. On site or off-site training of 2 hospital Bio-medical engineer for basic troubleshooting and preventive maintenance.

**Installation:**

1. After delivery installation lead time is 1 week if there is no necessary Civil works to be made. If there is a Civil works, the installation lead time depend on the type of civil works. The supplier will shoulder the cost of the civil works.

**Commissioning:**

1. The Operating Room lights with camera ceiling type must undergo and pas the acceptance testing in front of the end-user, supplier and Hospital Bio-Medical Engineer before commissioning.

**After Sales Service:**

1. With Service Engineers trained to perform on site repair of the equipment.

**ISO Certification:**

1. ISO 13485

**Terms of Reference:**

1. The equipment is brand new, unused and is not a discontinued model or was listed in the market recall.
2. The Operating Room lights with camera Ceiling type should be delivered within 60-90 days from the issuance of NTP (Notice to Proceed).
3. A three (3) year warranty for parts and services after acceptance of the equipment is required.
4. Supplier engineers shall perform quarterly preventive maintenance service on the machine at no cost to the hospital for a period of five (5) years after acceptance.
5. The bidder must have a biomedical technician / engineer based in Manila who can respond to calls / concerns within 24-hour period.
6. The bidder has the capability for corrective and preventive maintenance of the unit.
7. The bidder has the engineers / trained and capable for corrective, preventive maintenance and on-site repair for the model bided. Service engineer should be presently employed by the bidder or authorized by the manufacturer.
8. There is a guaranteed availability of the supply or spare parts after the warranty period; issued by the manufacturer to the supplier.



	<p><b>Additional Requirements to include:</b></p> <ol style="list-style-type: none"> <li>1. Certification from the bidder of 95% uptime guarantee for the equipment offered within the warranty period. Accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>2. The bidder shall be responsible for the notification, transportation, delivery, installation and commissioning at no cost to the government.</li> <li>3. Bid offer in Philippine Peso shall include taxes and duties, transportation to site delivery, installation and testing expenses on site by the bidder.</li> <li>4. Guaranteeing delivery equipment and all accessories within 60-90 calendar days upon receipt of Notice to Proceed or request of NCMH to deliver.</li> <li>5. The terms and conditions stated in the contract shall be honored by the manufacturer in the event that a change of authorized distributorship will occur during the said contract.</li> <li>6. A certification of good performance from at least 3 level III hospital stating the name of the facility, address, equipment and its model and year of delivery. It must be duly signed by the personnel authorized by the hospital.</li> </ol>	
MEQ21-02	<p><b>SUCTION MACHINE SYSTEM</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Casing is made of very sturdy, unbreakable, fire retardant material with UV protection.</li> <li>2. Pump body is made of aluminum alloy.</li> <li>3. Stainless euro rail can cater up to 4 jars and / or other accessories.</li> <li>4. Pump is cooled by extra fan.</li> <li>5. With overflow protection bottle.</li> <li>6. Color coded suction gauge for kpa, mmHg and BAR.</li> <li>7. Four (4) corners Non-marking caster with safety brakes.</li> </ol> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>1. Voltage 230V / 50-60Hz</li> <li>2. Maximum suction capacity of 50L / min</li> <li>3. Vacuum Capacity: of more than or equal to 0-93 Kpa</li> <li>4. Noise Level of not higher than 39.4 dB</li> <li>5. Not more than 480mm x 900mm x 460mm (WxHxL)</li> <li>6. Lowest than or equal 21kg without accessories</li> <li>7. Illuminated on / off switch meets EU norm EN ISO 10079-1</li> <li>8. With Safety vacuum regulator</li> <li>9. Change-over switch – Shift the vacuum from bottle to the other with a single move</li> <li>10. Air-operated foot switch</li> </ol> <p><b>Accessories:</b></p> <ol style="list-style-type: none"> <li>1. Suction Jar 2L with screw cover (2pcs)</li> <li>2. Polycarbonate Suction jar Holder 2L (2pcs)</li> </ol>	

3. Suction circuit with stop valve (1pc)
4. Trolley: with integrated storage basket (1pc)

**Warranty:**

1. 3 years on parts and service.
2. Commence after acceptance of End-user.

**Delivery:**

1. 60-90 calendar days upon receipt of Notice to Proceed.

**Training:**

1. 1 week on site training for hospital staff.
2. On site or off-site training of 2 hospital Bio-Medical engineer for basic troubleshooting and preventive maintenance.

**Commissioning:**

1. The Suction Machine must undergo and pass the acceptance testing in front of the end-user, supplier and Hospital Bio-Medical Engineer before commissioning.

**After Sales Service:**

1. With Service Engineers trained to perform on site repair of the equipment

**ISO Certification:**

1. ISO 13485

**Terms of Reference:**

1. The equipment is brand new, unused and is not a discontinued model or was listed in the market recall.
2. The Suction Machine should be delivered within 60-90 days from the issuance of NTP (Notice to Proceed).
3. A three (3) year warranty for parts and services after acceptance of the equipment is required.
4. Supplier engineers shall perform quarterly preventive maintenance service on the machine at no cost to the hospital for a period of five (5) years after acceptance.
5. The bidder must have a biomedical technician / engineer based in Manila who can respond to calls / concerns within a 24-hour period.
6. The bidder has the capability for corrective and preventive maintenance of the unit.
7. The bidder has the engineer/s trained and capable for corrective, preventive maintenance and on-site repair for the model bided. Service engineer should be presently employed by the bidder or authorized by the manufacturer.
8. There is a guaranteed availability of the supply or spare parts after the warranty period; issued by the manufacturer to the supplier.

**Additional Requirements to include:**

2. Certification from the bidder of 95% uptime guarantee for the equipment offered within the warranty period. Accumulated downtime in excess of 5% shall be added to the warranty period.

	<ol style="list-style-type: none"> <li>2. The bidder shall be responsible for the notification, transportation, delivery, installation and commissioning at no cost to the government.</li> <li>3. Bid offer in Philippine Peso shall include taxes and duties, transportation to site delivery, installation and testing expenses on site by the bidder.</li> <li>4. Guaranteeing delivery equipment and all accessories within 60-90 calendar days upon receipt of notice to proceed or request of NCMH to deliver.</li> <li>5. The terms and conditions stated in the contract shall be honored by the manufacturer in the event that a change of authorized distributorship will occur during the said contract.</li> <li>6. A certification of good performance from at least 3 level III hospital stating the name of the facility, address, equipment and its model and year of delivery. It must be duly signed by the personnel authorized by the hospital.</li> </ol>	
MEQ21 -03	<p><b>OPERATING ROOM (OR) LIGHT MOBILE</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Adaptive Light Control.</li> <li>2. Homogenous light-emitting surface and enables almost shadow-free conditions.</li> <li>3. Low heat and extremely high light output due to the special lens / LED combination.</li> <li>4. The housing of the light head consists of a lightweight metal alloy.</li> <li>5. Exchanging single LEDs must be easily realizable during service.</li> <li>6. The average service life of the LEDs is at least 60,000 hours.</li> </ol> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>7. Lighting Data:             <ol style="list-style-type: none"> <li>(a) Illumination Level at 1.0m (lux): 160,000 lux</li> <li>(b) Stable and no visual influence on pattern size and illumination at 1 to 1.2m distance</li> <li>(c) Dimmable Range of 40 to 100% with &lt;10% Endo Mode.</li> <li>(d) Pattern Size variation of 16-30cm between 0.8m and 1.2m</li> <li>(e) Pattern size (d10) at 1.0m t 16cm and 23cm</li> <li>(f) D50 / d10 ratio of -0.56 (narrow pattern size), 0.48 (wide pattern size)</li> <li>(g) Adjustable color temperature at the control panel at 3500K, 4000K, 4500K, and 5000K that ensures higher contrast even in the most varied tissue ranges</li> <li>(h) Color Rendering Index:                 <ol style="list-style-type: none"> <li>i. Ra of 96</li> <li>ii. R9 (blood) of 97</li> <li>iii. R13 (tissue) of 98</li> </ol> </li> </ol> </li> <li>8. Version: Use in different clinical environments and offers impressive versatility of mobile version for emergencies or supplemental use.</li> </ol>	

9. Depth of Illumination:
  - (a) (L1 + L2) at 20% Ec / 2<sup>nd</sup> Edition (cm): 95 (narrow pattern size) / 94 (wide pattern size)
  - (b) (L1 + L2) at 60% Ec / 3<sup>rd</sup> Edition (cm): 60 (narrow pattern size) / 60 (wide pattern size)
10. Electrical Data:
  - (a) Power pack supply voltage: 100 – 240 V AC 50 / 60Hz
  - (b) Light head power consumption (VA) 4:65
  - (c) Maximum power consumption (total system) (VA): 120
11. Mechanical Data:
  - (a) Laminar flow surface (cm<sup>2</sup>): 3,100 (480.5in<sup>2</sup>)
  - (b) Turbulence Degree: 35%
  - (c) Diameter of ceiling plate (square) (mm): 340mm
  - (d) Light head size (with handles) (mm): 730mm (28.7")
  - (e) Weight of light head (incl. cardanic) (kg): 16.1 kg

**Warranty Period:**

1. 3 years of parts and service to commence after acceptance of End-User.

**Delivery:**

1. 60-90 Calendar days upon receipt of Notice to Proceed.

**Training:**

1. 1 week on site training for hospital staff.
2. On site or off-site training of 2 hospital Bio-medical engineer for basic troubleshooting and preventive maintenance.

**Installation:**

1. After delivery installation lead time is 1 week if there is no necessary Civil works to be made. If there is a Civil works, the installation lead time depend on the type of civil works. The supplier will shoulder the cost of the civil works.

**Commissioning:**

1. The Mobile Operating Room light must undergo and pass the acceptance testing in front of the end-user, supplier and Hospital Bio-Medical Engineer before commissioning.

**After Sales Service:**

1. With Service Engineers trained to perform on site repair of the equipment.

**ISO Certification:**

1. ISO 13485

**Terms of Reference:**

1. The equipment is brand new, unused and is not a discontinued model or was listed in the market recall.
2. The Operating Room lights with camera Ceiling type should be delivered within 60-90 days from the issuance of NTP (Notice to Proceed).
3. A three (3) year warranty for parts and services after acceptance of the equipment is required.

	<ol style="list-style-type: none"> <li>4. Supplier engineers shall perform quarterly preventive maintenance service on the machine at no cost to the hospital for a period of five (5) years acceptance.</li> <li>5. The bidder must have a biomedical technician / engineer based in Manila who can respond to calls / concerns within 24 hour period.</li> <li>6. The bidder has the capability for corrective and preventive maintenance of the unit.</li> <li>7. The bidder has the engineer/s trained and capable for corrective, preventive maintenance and on-site repair for the model bided. Service engineer should be presently employed by the bidder or authorized by the manufacturer.</li> <li>8. There is a guaranteed availability of the supply or spare parts after the warranty period; issued by the manufacturer to the supplier.</li> </ol> <p><b>Additional Requirements to include:</b></p> <ol style="list-style-type: none"> <li>1. Certification from the bidder of 95% uptime guarantee for the equipment offered within the warranty period. Accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>2. The bidder shall be responsible for the notification, transportation, delivery, installation and commissioning at no cost to the government.</li> <li>3. Bid offer in Philippine Peso shall include taxes and duties, transportation to site delivery, installation and testing expenses on site by the bidder.</li> <li>4. Guaranteeing delivery equipment and all accessories within 60-90 calendar days upon receipt of Notice to Proceed or request of NCMH to deliver.</li> <li>5. The terms and conditions stated in the contract shall be honored by the manufacturer in the event that a change of authorized distributorship will occur during the said contract.</li> <li>6. A certification of good performance from at least 3 Level III hospital stating the name of the facility, address, equipment and its model and year of delivery. It must be duly signed by the personnel authorized by the hospital.</li> </ol>	
MEQ21-04	<p><b>OPERATING ROOM TABLE FOR VARIOUS SURGICAL DISCIPLINES</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Electro-mechanical technology.</li> <li>2. Side rails over the whole length of the tabletop for adaptation of accessories.</li> <li>3. Fixation of pads to patient board is via mushroom-like buttons.</li> <li>4. With 4 double joint wheels.</li> <li>5. Extra space below the table base.</li> <li>6. Electro-motorized breaks via stamps can be triggered in the remote control.</li> <li>7. Tabletop permits reverse position of the head and leg section.</li> <li>8. U-cut design of the table base designed for Gynecology and Urology application.</li> </ol>	

9. Material:

- (a) Stainless Steel for Tabletop Frame: Column Housing Attachment Points; Running Gear Frame; Coupling Points.
- (b) Comfort Plus Pads attaching via mushroom-like buttons for the Pads.

**Technical Details:**

- 1. Length of OR Tabletop: 1,007mm
- 2. Width of side rails: 582mm
- 3. Width of pads: 535mm
- 4. Height of pads: 50mm
- 5. Diameter of wheels: 150mm
- 6. Maximum load capacity: 450kg
- 7. Power Supply
  - (a) External: 230/115V, 50/60Hz
  - (b) Internal: I.P.S, 2 accumulators (lead gel), 12V, 10Ah
- 8. Operating time with fully charged accumulator: approx. 1h (total of all electrical function movements)
- 9. Power Input: max 450VA
- 10. Degree of protection against water: IP X4, in mains operation IP X2
- 11. Degree of protection when used in proximity to inflammable mixture class AP in battery operation.
- 12. Environmental parameters:

	Temperature	Air humidity
Operation	+10°C up to +40°C (50°F up to 104°F)	20% up to 80%
Storage	15°C up to +55°C (5°F up to 131°F)	5% up to 95%

- 13. Air pressure min. 700 mbar up to 1,060 mbar
- 14. Has a Control unit with membrane keypad and detachable helix cable connected to the mobile operating table for all adjustment functions of column.
- 15. Has an integrated control at the table column.
- 16. IR transmitter for operating all adjustment functions of the operating table column. The battery charges automatically and inductively in a stationary or mobile charging unit.

**Accessories:**

- 1. IV Pole with 4 hooks (1pc)
- 2. Anesthesia Screen (1pc)
- 3. Body Strap (1 set)
- 4. Arm Support (1 pair)
- 5. Flexible Stirrups with gas spring (1 pair)
- 6. Allows for easy adjustment of abduction and lithotomy
- 7. The boot is designed with extended lateral fin
- 8. With Technology that can help assist in lifting
- 9. With reusable pad that completely encapsulates the foot, ankle and calf
- 10. With squeeze grip handle for easy intraoperative adjustment that

	<p>simply release the handle to secure the leg holder in all directions</p> <ol style="list-style-type: none"> <li>11. Can be positioned in the lithotomy range of +84° to -33° lithotomy</li> <li>12. Abduction Range between +25° to -9° abduction</li> <li>13. With lithotomy and length visual indicators</li> <li>14. Patient weight capacity of 159kg</li> </ol> <p><b>Standard Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Current and Valid Certificate of Manufacturer's compliance with ISO Certified.</li> <li>2. Bidder's certificate that the BRAND must be in the Philippines for more than ten (10) years.</li> <li>3. User's Manual in English Language.</li> <li>4. Service Manual (2 copies).</li> <li>5. Proposed Costing of Preventive Maintenance and Calibration Program for sophisticated equipment, consumable / accessories.</li> <li>6. Training at least three (3) from end-users and two (2) from engineering.</li> <li>7. Bidder's certificate that parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the warranty period.</li> <li>8. Minimum of two (2) years on parts and three (3) years on service. Warranty Certificate for parts and service, upon delivery, inspection and acceptance.</li> <li>9. Free Quarterly Preventive Maintenance and Calibration within the warranty period.</li> </ol> <p><b>Delivery Period:</b></p> <ol style="list-style-type: none"> <li>1. 60-90 calendar days upon receipt of Notice to Proceed or request of NCMH to deliver.</li> </ol>	
MEQ21-05	<p><b>ORTHOPEDIC TRACTION DEVICE SYSTEM</b></p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Stainless extension unit used for patient positioning during orthopedic and trauma surgeries.</li> <li>2. With supporting pad in the pelvic area with locking system attaches securely to the extension on adapter.</li> <li>3. With an extra-thick padding that provides an optimal protection for the patient's genital area.</li> <li>4. With pair of stainless struts that is suitable for the attachment to the operating table or the extension adapter.</li> <li>5. Permits easy pre-positioning of the patient's leg as well as simple repositioning without any loss in position. The tension is smoothly adjusted via a crank.</li> <li>6. With traction boot and counter traction post.</li> <li>7. Breach Chair with Pad set that has intubation plate and pad; with universal head positioner.</li> </ol> <p><b>Standard Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Current and Valid Certificate of Manufacturer's compliance with ISO Certified.</li> <li>2. Bidder's certificate that the brand must be in the Philippines for more than ten (10) years.</li> <li>3. User's Manual in English Language.</li> </ol>	

	<div><div><div>4. Service Manual (2 copies)</div><div>5. Proposed Costing of Preventive Maintenance and Calibration Program for sophisticated equipment, consumables / accessories.</div><div>6. Training at least three (3) from end-users and two (2) from engineering.</div><div>7. Bidder's certificate that parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the warranty period.</div><div>8. Minimum of two (2) years on parts and three (3) years on service. Warranty Certificate for parts and service, upon delivery, inspection and acceptance.</div><div>9. Free Quarterly Preventive Maintenance and Calibration within the warranty period.</div></div><div><div><b>Delivery Period:</b></div><div>1. 60-90 calendar days upon receipt of Notice to Proceed or request of NCMH to deliver.</div></div></div>																																																			
MEQ21-06	<div><div><div><b>ELECTROCAUTERY MACHINE SYSTEM 5000 MODEL, 220VOLTS, 60 HERTZ</b></div><div><b>General Consideration:</b></div><div>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</div><div><b>Technical Details:</b></div><div><div><b>MONOPOLAR</b></div><table><tr><td>Pure Cut</td><td>300</td><td>800</td><td>1.4-1.7</td><td>391</td></tr><tr><td>Blend 1 Cut</td><td>200</td><td>860</td><td>1.5-1.9 391</td><td>391</td></tr><tr><td>Blend 2 Cut</td><td>200</td><td>1100</td><td>1.8-2.4 391</td><td>391</td></tr><tr><td></td><td>200</td><td>1480</td><td>2.4-2.9</td><td>391</td></tr><tr><td>Blend 3 Cut</td><td></td><td></td><td>391</td><td></td></tr></table><div><b>SPECIAL FEATURES PULSE CUT</b></div><table><tr><td>Pinpoint Coag</td><td>120</td><td>2120</td><td>3.7-4.6 391</td><td>391</td></tr><tr><td>Standard Coag</td><td>120</td><td>3140</td><td>5.6-6.6 562</td><td>391</td></tr><tr><td>Spray Coag</td><td>80</td><td>6350</td><td>1.9-7 562</td><td>562</td></tr></table><div><b>SPECIAL FEATURES PULSE COAG</b></div><table><tr><td>Micro Bipolar</td><td>50</td><td>170</td><td>.5-1.9 391</td><td>391</td></tr><tr><td>Macro Bipolar</td><td>90</td><td>610</td><td>1.6-2.0 391</td><td>391</td></tr></table></div><div><b>Versatility:</b></div><div>1. Remote Power Control (PC): Allows the end-user to make power adjustments from within the surgical field using any electrosurgical</div></div></div>	Pure Cut	300	800	1.4-1.7	391	Blend 1 Cut	200	860	1.5-1.9 391	391	Blend 2 Cut	200	1100	1.8-2.4 391	391		200	1480	2.4-2.9	391	Blend 3 Cut			391		Pinpoint Coag	120	2120	3.7-4.6 391	391	Standard Coag	120	3140	5.6-6.6 562	391	Spray Coag	80	6350	1.9-7 562	562	Micro Bipolar	50	170	.5-1.9 391	391	Macro Bipolar	90	610	1.6-2.0 391	391	
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- hand-controlled pencil.
- 2. Ready Plug: Universal accessory receptacle eliminates the need for foot-controlled adapters
- 3. Advance Specialty Modes
  - (a) General Mode for all general procedures
  - (b) Laparoscopic Mode provides optimal safety by limiting output voltage and minimizing the potential harmful effects of capacitive coupling.
  - (c) Fluids Mode provides immediate energy delivery for procedures performed in a fluid medium.
- 4. Pulse Modes
  - (a) Pulse Cut Mode provides precise modulated energy delivery for critical dissection
  - (b) Pulse Coagulation Mode provides a modulated waveform for unsurpassed precision and control
- 5. Automatic Return Monitor (ARM): Contact quality monitoring system
- 6. Four (4) Monopolar Cutting Modes
  - (a) Pure Cut with 300 watts of maximum output power.
  - (b) Blended Cut (1, 2, 3) with 200 watts of maximum output power and increasing level of hemostasis.
- 7. Three (3) Monopolar Coagulation Modes
  - (a) Spray Mode provides wide area of coagulation with 80 watts of maximum output power.
  - (b) Standard Mode with 120 watts maximum output power.
  - (c) Pinpoint Mode provides fine desiccation with 120 watts of maximum output power.
- 8. Two (2) Bipolar Modes (Micro and Macro) with 90 watts of maximum output power: Bipolar Output Meter provides visual and audible feedback to surgeon during procedure.
- 9. Simultaneous activation in monopolar coagulation
- 10. Two (2) Hand Controlled receptacles and a separate footswitch receptacle enable multiple accessory connections.
- 11. Nine (9) programmable memory settings provide setup convenience.
- 12. Automatic programming restores the electrosurgical unit to the last setting used.
- 13. Ability to change power settings from the control panel while electrosurgical unit is activated
- 14. Illuminated receptacles for greater visibility.
- 15. Integrated interface for activation of smoke evacuators and other devices.
- 16. Auto voltage ranged from 100 volts to 240 volts at 50/60 Hz
- 17. Radio Frequency (RF) isolated and independent outputs.

***Included Accessories:***

- 1. One (1) unit Cart with brakes
- 2. One (1) unit Monopolar Footswitch with Cable
- 3. One (1) pc Disposable Hand Control Pencil
- 4. One (1) pc Disposable Grounding Pad
- 5. One (1) pc Bipolar Footswitch
- 6. One (1) pc Bipolar Cable

	<ol style="list-style-type: none"> <li>7. One (1) pc Bipolar Forcep</li> <li>8. One (1) pc Adapter #12</li> </ol> <p><b>Warranty and Service:</b></p> <ol style="list-style-type: none"> <li>1. Two (2) years for service and one (1) year for parts. Warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.</li> </ol> <p><b>Preventive Maintenance (within warranty):</b></p> <ol style="list-style-type: none"> <li>1. Diagnostic check-up and testing of all electronic components.</li> <li>2. Check-up all wiring connections.</li> <li>3. Equipment calibration according to factory settings.</li> <li>4. General cleaning of equipment.</li> <li>5. In case of downtime, immediately a day after receiving report of unit malfunction, our trained sales representative will check and asses the unit for troubleshooting. If the unit needs servicing, our representative will directly coordinate the matter with our service department for immediate action.</li> <li>6. In the event that the unit needs to be pulled out for further repair, the company will provide a back-up unit free of charge so as not to paralyze hospital operations. Back up units are readily available to provide our customer with prompt and reliable service.</li> </ol> <p><b>ISO Certification:</b></p> <ol style="list-style-type: none"> <li>1. ISO 13485</li> </ol>	
MEQ21 -07	<p><b>PATIENT MONITOR (BASIC)</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>1. Modular and able to monitor adult, pedia and neonate</li> <li>2. 12 in screen size and up to 6 waveforms</li> <li>3. 1280 x 800 display resolution</li> <li>4. ≤3.5kg (7.7lb) without battery, rack and modules</li> <li>5. Capacitive touchscreen, trim knob and hard keys control.</li> <li>6. Supports night mode and screen lock button for easy cleaning and maintenance.</li> <li>7. Seven pre-configured workflow setting for simple set-up</li> <li>8. Up to 200 Auto-snap-shot of most critical alarms</li> <li>9. Large numeric mode that enables critical parameter visibility even up to 4 meters</li> <li>10. With early warning score for total individual parameter on the main screen, color coding and time stamps.</li> <li>11. Alarm auto printing up to 23 alarms with audible and visual notification</li> <li>12. Built-in "demo" mode for end-users training without the need of simulators</li> <li>13. More than 3 hours battery capacity</li> <li>14. 3 to 5 leads ECG I, II, III, aVR, aVL, aVF, and V</li> <li>15. Pacemaker detection range 2 to 700mV with pulse width 0.5 to 2ms</li> </ol>	

	<ol style="list-style-type: none"> <li>16. ST segment analysis number range -9 to +9mm (-0.9 to +0.9mV)</li> <li>17. ST trends and graphical trends up to 168 hours</li> <li>18. Respiration rate for adult / pediatric 4 to 120 resp/min</li> <li>19. Respiration rate for neonate 4 to 180 resp/min</li> <li>20. SPO2 monitoring with rubber type sensor. Pulse rate of 30 to 250 bpm and 1 to 100% Pulse oximetry</li> <li>21. SPO2 Saturation Measurement accuracy:</li> <li>22. without motion in adult / pedia finger sensor 70 to 100% <math>\pm 2\%</math></li> <li>23. without motion in neonate sensor 70 to 100% <math>\pm 3\%</math></li> <li>24. with motion in adult / pedia sensor 70 to 100% <math>\pm 3\%</math></li> <li>25. with motion in neonate sensor 70 to 100% <math>\pm 3\%</math></li> <li>26. low perfusion in adult / pedia 70 to 100% <math>\pm 3\%</math></li> <li>27. pulse rate without motion <math>\pm 2</math>bpm (Adult / pedia / neonate)</li> <li>28. Perfusion index 0.2 to 20%</li> <li>29. NIBP Dual Hose Technology with reusable adult cuff</li> <li>30. Oscillometric step deflation NIBP technique with manual, automatic, STAT and custom series modes</li> <li>31. NIBP Measurement ranges:</li> <li>32. Systolic: Adult / Pedia 30 to 290mmHg and Neonate 30 to 140mmHg</li> <li>33. Diastolic: Adult / Pedia 10 to 220mmHg and Neonate 10 to 110mmHg</li> <li>34. MAP: Adult / Pedia 20 to 260mmHg and Neonate 20 to 125mmHg</li> <li>35. Initial Inflation Pressure: Adult / Pedia 135 <math>\pm 15</math>mmHg and Neonate 100 <math>\pm 15</math>mmHg</li> <li>36. Power Specification: AC input 100 to 240V <math>\pm 10\%</math>, 50/60Hz</li> <li>37. Lithium ion battery &lt;4 hours charging time</li> <li>38. With Extension rack at the back for additional parameter module</li> <li>39. Seven pre-configured workflow settings for simple set-up</li> <li>40. Auto-snapshot of most critical alarms</li> <li>41. Alarm reporting options for better alarm management and instant care in cases of arrhythmia, high/low blood pressure, and ECG-lead detachment</li> <li>42. Convenient screen lock button for easy cleaning, maintenance, and intra-hospital transport</li> <li>43. Capacitive touchscreen for fast-response and enhanced user experience</li> <li>44. Uninterrupted display of primary ECG-lead waveform and other vital signs across settings</li> <li>45. Choice of numerical or continuous waveform monitoring</li> <li>46. Large numeric mode that enables critical parameter visibility even up to 4 meters</li> <li>47. ST Segment and full Arrhythmia analysis, SPO2, NIBP, RR, ECG, Temp</li> <li>48. Flexibility to share parameter modules and accessories across patient monitors</li> <li>49. Stable performance in tough environmental conditions</li> <li>50. 75cm height drop test for main unit</li> <li>51. With at least 4 lockable trolley with basket and back handle</li> </ol>	
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	<p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. 2 years on warranty on parts.</li> <li>2. All equipment are covered by twenty-four (24) months warranty against any manufactured-related defects.</li> </ol> <p><b>Preventive Maintenance:</b></p> <ol style="list-style-type: none"> <li>1. With semi-annual preventive maintenance of the machine.</li> </ol> <p><b>Training:</b></p> <ol style="list-style-type: none"> <li>1. Operation and application training.</li> <li>2. Will conduct two (2) days intensive training on the operation for all relevant staff after delivery.</li> <li>3. Training will include basic and minor maintenance of the items, with emphasis on proper care and use of the unit.</li> </ol>	
MEQ21-08	<p><b>PATIENT MONITOR WITH E-MINI C CAPNOGRAPH MONITORING)</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>1. Seven pre-configured workflow settings for simple set-up</li> <li>2. Auto snapshot of most critical alarms</li> <li>3. Alarm reporting options for better alarm management and instant care in cases or arrhythmia, high/low blood pressure, and ECG-lead detachment</li> <li>4. -Convenient screen lock button for easy cleaning, maintenance, and intra-hospital transport</li> <li>5. Capacitive touchscreen for fast response and enhanced user experience</li> <li>6. Uninterrupted display of primary ECG-lead waveform and other vital-sign across settings</li> <li>7. Choice of numerical or continuous waveform monitoring</li> <li>8. Large numeric mode that enables critical parameter visibility even up to 4 meters</li> <li>9. ST Segment and full Arrhythmia analysis, SPO2, NIBP, RR, ECG, Temp</li> <li>10. Flexibility to share parameter modules and accessories across patient monitors</li> <li>11. Stable performance in tough environmental conditions</li> <li>12. 75cm height drop test for main unit</li> <li>13. With at least 4 lockable trolley with basket and back handle.</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. 2 years warranty on parts and labor.</li> <li>2. All equipment are covered by twenty-four (24) months warranty against any manufactured-related defects.</li> </ol> <p><b>Preventive Maintenance:</b></p> <ol style="list-style-type: none"> <li>1. With semi-annual preventive maintenance of the machine.</li> </ol>	

	<p><b>Training:</b></p> <ol style="list-style-type: none"> <li>1. Operation and application training.</li> <li>2. Will conduct two (2) days intensive training on the operation for all relevant staff after delivery.</li> <li>3. The training will also include basic and minor maintenance of the items, with emphasis on proper care and use of the unit.</li> </ol>	
MEQ21 -09	<p><b>C – ARM IMAGING SYSTEM</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>1. Detector Image Intensifier</li> <li>2. X-ray Generator Type Compact High Frequency, 40Hz</li> <li>3. Power rating: Kw @ 100kVp, 2.5kW</li> <li>4. X-ray Tube Anode Stationary @220 VAC 20mA, 10mA for 100-120V systems</li> <li>5. Heat capacity, HU – Anode 76,000</li> <li>6. Heat capacity, HU – Housing 900,000</li> <li>7. Cooling, HU/min – Anode 37,000</li> <li>8. Cooling, HU/min – Housing 12,500</li> <li>9. Focal spot size, mm 0.6 – 1.4</li> <li>10. Tube power rating, kW @ 100 kVp 2.5kW</li> <li>11. Collimator Type PreView Iris</li> <li>12. Collimator Material Tungsten</li> </ol> <p><b>Fluoroscopic Mode:</b></p> <ol style="list-style-type: none"> <li>1. kV range 40 – 100kV 0.1 – 4 normal, 01 – 2 low dose, 0.2-12 HLF</li> <li>2. Pulse per sec, 1, 2, 4, 8, 12 pps  0.1 – 4 normal</li> <li>3. mA range pulsed fluoro 0.1-2 low dose  0.2 – 25 HLF</li> </ol> <ol style="list-style-type: none"> <li>1. ABS control (automatic brightness yes stabilization)</li> <li>2. Snapshot Digital Spot</li> </ol> <p><b>Digital Cine Mode:</b></p> <ol style="list-style-type: none"> <li>1. mA range up to 25 mA</li> <li>2. Pulse rate 1, 2, 4, 8, 12 fps</li> <li>3. Pulse width 50ms</li> </ol> <p><b>Digital Spot Mode:</b></p> <ol style="list-style-type: none"> <li>1. kV range 40 – 110 kV</li> <li>2. mA range 20 mA, 10 for 100 – 120V system</li> <li>3. max exposure (s)</li> </ol> <p><b>Detector and Monitors:</b></p> <ol style="list-style-type: none"> <li>1. Detector Size 23/16/12 cm (9"/6"/4.5")</li> <li>2. FOV, cm (in) Material Image Intensifier</li> <li>3. Pixel pitch (µm)</li> </ol>	

4. Size, type, # of Monitors, inch 69 cm (27") HD LCD display
5. 5 Ranges of Motion: 210° swivel mainframe, 180° swivel at center, 5° up / 25° down tilt, 178° horizontal and vertical viewing angle
6. Monitor movement

**Image Processing and Storage:**

1. DQE (typical) 65%
2. Image matrix size 1k x 1k x 16 bit
3. Dynamic Recording, Frames / sec 4, 8, 12, 25 dep on config
4. Capacity, number of images Up to 100,000 images
5. Video / images storage type Digital memory, USB
6. With Last-image hold
7. Capable of Digital Subtracted Angiography
8. Capable of Peak Opacification
9. Minimizing recording time is 90 minutes
10. Automatic playback; frame by frame review, including touch screen slider.
11. Should be capable of Frame integration
12. DICOM Classes Optional Storage commit, store, query, retrieve, modality, worklist and print

**Physical Specification:**

1. Free space, cm (in) 78 cm (30.7")
2. SID, cm (in) 100cm (39.4")
3. Distance from panel to floor (cm) 128cm
4. Depth, cm (in) 66cm (26.0in)
5. Horizontal travel, cm (in) 20cm (7.9in)
6. Vertical travel, cm (in) 44cm (17.3in)
7. Panning motion, degree (wig wag) 25° (+/-12.5°)
8. Pivot lateral Rotation, degrees 410° (+/-205°)
9. Orbital Rotation, degrees 120° (90°/30°)
10. With Reverse position
11. Power Requirements: (60 or 50Hz): 100V/110V/120V @ 20A, 200V @ 12A, 220V/230V/240V @ 10A
12. H x W x D of C-arm frame, cm (in) 179 cm x 78m x 179 cm (70.5 x 30.7 x 70.5in)
13. Weight, kg (lb) 310kg (683lb)

**Other Specifications:**

1. 26cm (10.1in) tablet with swivel, tilt.
2. Simplified user controls at tablet with synchronized imaging to main display.
3. Main display on articulating arm with wide range of motions.
4. Advanced imaging software with ADRO: Adaptive Dynamic Range Optimization and noise and motion artifact reduction.
5. Vascular and DSA Capable Yes

**Accessories:**

1. 3 pairs of Radiation Glasses
2. 3 pieces of lead apron
3. 3 pieces of thyroid collar
4. 1 bottle cleaning solution spray

	<p><b>Manual:</b></p> <ol style="list-style-type: none"> <li>1. Operator's / User's Manual in English</li> <li>2. Service / Technical and Maintenance Manual in English.</li> </ol> <p><b>Training:</b></p> <ol style="list-style-type: none"> <li>1. All trainings shall be conducted within two (2) weeks from acceptance of the item/s at the expense of the winning bidder.</li> <li>2. Familiarization of the operating procedures of the equipment (In-House Training) for not more than five (5) staff members of the Department for two (2) days, (8 hours / day).</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. Two (2) years warranty for parts and services after the acceptance by end-user / authorized hospital personnel;</li> <li>2. Certification from the suppliers that the spare parts are available for at least 5 years from the date of the warranty period.</li> </ol> <p><b>Terms and Conditions:</b></p> <ol style="list-style-type: none"> <li>1. The proponent is responsible for the notifications, transportations, delivery, installation and commissioning of the supplied equipment at no cost to the government.</li> <li>2. 95% uptime of the equipment shall be guaranteed within the warranty period and that any accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>3. After Sales Service with free preventive maintenance every quarter during the warranty period and with local service repair facility.</li> <li>4. Brand manufacturer must have ISO Certification.</li> </ol>	
MEQ21 -10	<p><b>PLASMA GAS STERILIZER</b>  <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <ol style="list-style-type: none"> <li>1. Cycle Options at least 4 cycles</li> <li>2. Validated Cycle Time: Minimum at least 24 minutes (non-lumen)</li> <li>3. Maximum at least 42 minutes (flexible scopes)</li> </ol> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Cycle Temperature: 47°C - 56°C</li> <li>2. Sterilant: Hydrogen peroxide 59%</li> <li>3. Sterilant delivery: Delivered in closed system in cassettes or its equivalent with automatic detection of expiration date</li> <li>4. Used cassette disposal: Automatic and touchless ejection into cassette disposal container</li> <li>5. Peroxide residual breakdown: Gas plasma technology breaks down H2O2 Inside its chamber into safe elements of water and oxygen. Safe for operators, instruments, and environment.</li> <li>6. Configurations: Double door (option)</li> <li>7. System dimensions (max): Height: 1800mm Width: 775mm Depth: 1055mm</li> <li>8. Chamber useable volume: At least 90L / 152L Total Volume</li> <li>9. Chamber dimensions (max): Height: 410mm Width: 510mm Depth: 735mm</li> <li>10. Chamber shape: Rectangular to accommodate instrument trays</li> </ol>	

	<ol style="list-style-type: none"> <li>11. Shelf Info: two-tiered shelf: Width: 444mm Depth: 643mm 4 casters (2 locking)</li> <li>12. System weight: 408kg</li> <li>13. User Interface: Touchscreen technology: projected capacitive touch Resolution: 800 x 600 pixels with LARGE fonts.</li> <li>14. Supported USB devices: barcode reader <ul style="list-style-type: none"> <li>– External Drives: USB that allows data upload and download connection</li> </ul> </li> <li>15. Standards / Compliance: Sterilizer manufacturer should be able to get the Instrument Reprocessing Quality Management requirements like functionality check as per their Sterility Guide; Sterility check as per ISO 14937:2001 and processing confirmation as per MDM IFU / AAMI ST 81. Widely endorsed by well-known device manufacturer</li> </ol> <p><b>Sterilization Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Sterilization Process: Terminal-sterilization, double-kill cycle to provide a Sterility Assurance Level (SAL) of 10<sup>-6</sup>; 2 injections and identical plasma phases. Plasma Phase should be generated INSIDE the sterilization chamber to ensure all residual H<sub>2</sub>O<sub>2</sub> is neutralized to water vapor and oxygen. Configured to meet international standards.</li> <li>2. Delivered sterilant concentration: 58% - 90%</li> <li>3. Sterilization cycle monitoring: Critical system parameters monitored with on-board sensors, and chemical indicators; IMS (independent monitoring system) available</li> <li>4. Biological Indicator Reading Time: Maximum 30 minutes to result; Self reading; self-documenting</li> <li>5. H<sub>2</sub>O<sub>2</sub> concentration continuous monitoring: Monitoring using UV sensor within the chamber</li> <li>6. Lumen Claims: internal diameter ≥0.7mm; length: ≤1,000mm up to 40 tubings</li> </ol> <p><b>Installation and Electrical Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Electrical power specifications: 380-415VAC, 50/60Hz, 5-wire grounding outlet attached to a dedicated 30-amp, 3-phase wye configuration circuit with separate neutral and ground conductors</li> </ol> <p><b>Networking and Data Recording:</b></p> <ol style="list-style-type: none"> <li>1. System performance data and reports: Cycle history, full 1-second data files, and reports readily available. Cloud ready for remote troubleshooting.</li> <li>2. Network connectivity: Communication protocol for Instrument Tracking Systems (ITS)</li> <li>3. Data Recording: Electronic data storage up to 200 cycles; Internal printer for manual record keeping</li> <li>4. Expanded storage with ASP access 500GB</li> <li>5. Full electronic cycle data and reports readily available through integrated technology and / or Cloud storage</li> </ol>	
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**Starter Kit Included:**

CONSUMABLES	UOM	PRICE
Sterilization Cassettes (H2O2)	Box of 2's	
Sterilization Velocity Biological Indicator	1 Box, 30 pcs	
Sterilization Pouch Roll 3" x 70M	1 roll	
Sterilization Pouch Roll 4" x 70M	1 roll	
Sterilization Pouch Roll 6" x 70M	1 roll	
Sterilization Pouch Roll 8" x 70M	1 roll	
Sterilization Pouch Roll 10" x 70M	1 roll	
Sterilization Pouch Roll 14" x 70M	1 roll	
Sterilization Pouch Chemical Indicator Strips	1 box, 1000pcs	
Chemical Indicator Tape	1 box, 6 rolls	

**\*Consumables are readily available in the Philippine market for the next 20 years**

**Manual:**

1. Operator's / User's Manual in English.
2. Service / Technical and Maintenance Manual in English.

**Training:**

1. All trainings shall be conducted within two (2) weeks from acceptance of the item/s at the expense of the winning bidder.
2. Familiarization of the operating procedures of the equipment (In-House Training) for not more than 2 Technicians and 2 Engineers with twice every year for refresher course.

**Warranty:**

1. Two (2) years warranty for parts and services after the acceptance by the end-user / authorized hospital personnel.
2. Certification from the supplier that the spare parts are available for at least 5 years from the date of the warranty period.

**Terms and Conditions:**

1. Installation must be 30 to 60 days
2. The proponent is responsible for the notifications, transportation,

	<p>delivery, installation and commission of the supplied equipment at no cost to the government.</p> <ol style="list-style-type: none"> <li>95% uptime of the equipment shall be guaranteed within the warranty period and that any accumulated downtime in excess of 5% shall be added to the warranty period.</li> <li>After Sales Service with free preventive maintenance every quarter during the warranty period and with local service repair facility that is available 24 hours, 7 days a week. Response time is within 24 hours after receipt of notice for servicing.</li> <li>Brand manufacturer must have ISO Certification.</li> <li>Bid offer in Philippine Peso shall include taxes and duties, transportation to site delivery, installation and testing expense on site by the bidder.</li> <li>Guaranteeing delivery equipment and all accessories within 30-60 calendar days upon receipt of Notice to Proceed or request of NCMH to delivery.</li> <li>The terms and conditions stated in the contract shall be honored by the manufacturer in the event that a change of authorized distributorship will occur during the said contract.</li> </ol>	
<b>INFUSION PUMP</b>		
MEQ21 -11	<p><b>INFUSION PUMP</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>General Features:</b></p> <ol style="list-style-type: none"> <li>Sensitive air bubble detector, with built-in thermostat 30-45C adjustable.</li> <li>Pressure sensor specially designed to sensitively detect occlusion pressure in I.V. set</li> <li>Pump door handle, durable metal design avoid breakage</li> <li>Double infusion mode: volumetric and drop rate</li> <li>Anti-bolus</li> <li>Automatically switch to KVO function after infusion completion</li> <li>Rechargeable Ni-MH battery 5 hours at 30ml</li> <li>Memory of last operation setting parameters</li> <li>Extensive flow rate range, from 0.1ml/hr to 1500ml/hr, 0.1ml increments</li> </ol> <p><b>Technical Details:</b></p> <ol style="list-style-type: none"> <li>Pumping mechanism: Curvilinear peristaltic</li> <li>Dimensions: 174 x 126 x 215mm (WxDxH)</li> <li>Weight: approximately 2.5kg</li> <li>Waterproof classifications: IPX3</li> <li>IV Set and Accuracy:             <ol style="list-style-type: none"> <li>IV Set selection: 6 kinds of IV set data selectable and storable</li> <li>IV Set: compatible with IV set of any standard</li> <li>VTBI range: 0.1-9999ml</li> <li>Flow rate: 0.1-1500ml/h (0.1ml/h increments)</li> <li>Purge / Bolus rate: 100-1500ml/h (0.1ml increments)</li> <li>Bolus Volume: 1-20ml/h (1ml increments)</li> </ol> </li> </ol>	

	<p>(g) Infusion accuracy + / - 3%</p> <p>(h) KVO rate: 0.1-5ml/h (0.1ml/h increments)</p> <p>(i) Anti-bolus system reduce, pressure on sudden release of occlusion</p> <p>6. Alarms:</p> <p>(a) Audible and visual alarm</p> <p>(b) 9 kinds: Occlusion, air-in-line, pump door open, infusion completion, low battery, drop rate abnormal, flow rate, abnormal, KVO, unattended</p> <p>7. Battery / Operation / Charging: Ni-MH / 5Hrs (at 30ml/hr/ more than 8 hours)</p> <p><b>Price Basis:</b></p> <p>3. Includes the export packaging of the item, freight and handling from the port of origin to port of entry, local forwarding, brokerage, storage, local and import taxes and duties, also includes the testing, commissioning, and warranty.</p> <p>4. Price Validity: Thirty (30) days from date hereof</p> <p>5. Delivery Period: Sixty (60) to Ninety (90) days upon receipt of a confirmed Purchase Order from the Hospital</p> <p><b>After Sales Support and Services:</b></p> <p>1. In the event that problems arise under normal use, the equipment shall service by the Company's Service personnel <b>Free of Charge during the Warranty Period.</b></p> <p>2. <b>Product specialist / biomedical team on-site training:</b> The company must include training by product specialist and biomedical engineers for technical and product use after the installation of the equipment. Training of the end-users must be for 2-3 days or depend upon the request of the end-users until the product is well known by the hospital staff</p> <p>3. <b>Biomedical Response time:</b> 24 hrs</p> <p>4. <b>Product Warranty:</b> One (1) year from the date of installation and acceptance to include standard warranty.</p>	
<b>OPHTHALMOLOGY EQUIPMENT</b>		
MEQ21-12	<p><b>PHACOAEMULSIFICATION (ANTERIOR) AND POSTERIOR VITRECTOMY MACHINE (ANTERIOR / POSTERIOR VITRECTOMY / COMBINED)</b>  <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. High speed Vitrectomy Probe capable of 30 – 5,000 cuts per minute</li> <li>2. Full flexibility for Pneumatic Vitrectomy surgery with 20, 23 and 25 ga vitrectomy packs</li> <li>3. Latest generation Venturi pump system</li> <li>4. Modular and adaptable to future upgrades</li> <li>5. Phacoemulsification with Microincision Cataract Surgery (MICS) 1.8mm technology ready</li> <li>6. With Gravity and Air Forced Infusion</li> <li>7. With Dual Independent Lamp (Xenon and Xenon-Mercury vapour)</li> </ol>	

	<p>– 3 surgeon – controlled filters for increased safety and differentiated viewing (Green, Yellow, Amber)</p> <ol style="list-style-type: none"> <li>Wireless remote control</li> <li>19" Articulating LED Touch Flat Screen</li> <li>One step easy prime and tune</li> <li>With Show me Step software that will guide the Doctors, Nurses and Staff</li> <li>With built in coagulation for cautery</li> <li>With Set-up screen for Video DFU's (Direction for Use)</li> <li>Power Supply: 110-240VAC, 60Hz (Auto Volt)</li> <li>Two USB ports for Data Storage for Doctors Settings</li> <li>Illumination (Xenon and Xenon-Mercury Vapour)</li> <li>Wireless Foot Control (Single Linear, Dual Linear, Co-Linear Programming)</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>One year warranty for parts</li> <li>Two year warranty for service</li> <li>Preventive Maintenance for one year (quarterly)</li> <li>Repair facility in the country</li> <li>ISO Certified company</li> <li>Delivery and installation 30-60 days upon receipt of P.O</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>To provide the following training to (2) end-users (LOCAL): <ol style="list-style-type: none"> <li>Basic Set up and Operation Training</li> <li>Basic Maintenance Training</li> </ol> </li> </ol>	
MEQ21 -13	<p><b>AUTO REFRACTOMETER AND KERATOMETER</b> [ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</p> <p><b>AUTO REFRACTOMETER</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>Measurement Range: <ol style="list-style-type: none"> <li>Sphere -30.00 to +25.00 D (VD = 12mm) (0.01 / 0.12 / 0.25 D increments)</li> <li>Cylinder : 0 to ±12.00 D (0.01 / 0.12 / 0.25 D increments)</li> <li>Axis: 0 to 180° (1° / 5° increments)</li> <li>Minimum measurable pupil : diameter :Ø2mm</li> </ol> </li> </ol> <p><b>AUTO REFRACTOMETER</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>Measurement Range: <ol style="list-style-type: none"> <li>Curvature radius 5.00 to 13.00 mm (0.01mm increments)</li> </ol> </li> </ol>	

	<p>(b) Refractive power: 25.96 to 67.50 D (0.01 / 0.12 / 0.25 D increments)</p> <p>(c) Cylindrical power: 0 to <math>\pm 12.00</math> D (0.01 / 0.12 / 0.25 D increments)</p> <p>(d) Axis: 0 to 180° (1° / 5° increments)</p> <p>(e) Sagittal measurement: 25° each from the center (superior side, inferior side, temporal side, nasal side)</p> <p>(f) PD Measurement range: 30 to 85 mm (1 mm increments)</p> <p>(g) Pupil Size Measurement range: 1.0 to 10.0 mm (0.1 mm increments)</p> <p>(h) Auto tracking: X-Y-Z directions</p> <p>(i) Auto Shot: Available</p> <p>(j) Patient Fixation Target: Hot-air balloon</p> <p>(k) Display: Tilttable 6.5-inch color LCD</p> <p>(l) Interface RS-232C (in / out), LAN, USB</p> <p>(m) Power Supply: AC 100 to 240 V, 50 / 60 Hz</p> <p>(n) Power Consumption: 100 VA</p> <p>(o) Dimensions / Mass: 260 (W) x 495 (D) x 457 (H) mm / 20 kg</p> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. Three year warranty for parts and service</li> <li>2. Preventive maintenance for one year (quarterly)</li> <li>3. Repair facility in the country</li> <li>4. Delivery and installation 30-60 days upon receipt of P.O</li> <li>5. ISO Certified Company</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>(a) Basic Set up and Operation Training</li> <li>(b) Basic Maintenance Training</li> </ol> </li> </ol>	
MEQ21-14	<p><b>YAG LASER</b> [ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</p> <p><b>TREATMENT LASER</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Laser Source: Q-switched Nd:YAG</li> <li>2. Wavelength: 1,064 nm</li> <li>3. Pulse Width: 3 ns</li> <li>4. Pulse repetition rate: 3 Hz (single) / 1.5 Hz (burst)</li> <li>5. Output energy: 0.3 to 10.0mJ / pulse</li> <li>6. Burst mode: 1, 2 and 3 pulses per trigger</li> <li>7. Spot size: 8<math>\mu</math>m</li> <li>8. Cone angle: 16°</li> <li>9. Focus shift: 0 to <math>\pm 500</math> <math>\mu</math>m</li> <li>10. 635 nm / OFF, 0.5 to 25 <math>\mu</math>W</li> <li>11. Dual aiming beam: 360° rotating aiming beam</li> </ol>	

	<p><b>SLIT LAMP</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Illumination: LED lamp</li> <li>2. Magnification: 5x (40.7 mm), 8x (25.7 mm), 12.5x (16.1 mm), 20x (10.1 mm), 32x (6.4 mm)</li> <li>3. Slitlamp Joystick: Motorized with smart switch – changes treatment settings</li> <li>4. Control Box: Colored LCD Touch Screen</li> <li>5. SD Card (Key Card) : for software upgrade</li> <li>6. Power supply: AC 100 to 240 V, 50 / 60 Hz</li> <li>7. Power Consumption: 100 VA</li> <li>8. Dimension: 346 (W) x 422 (D) x 577 (H) mm / 18 kg 13.6 (W) x 16.6 (D) x 22.7 (H)" / 39.7 lbs.</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. Three year warranty for parts and service</li> <li>2. Preventive Maintenance for one year (quarterly)</li> <li>3. Repair facility in the country</li> <li>4. ISO Certified company</li> <li>5. Delivery and installation 30 – 60 days upon receipt of P.O</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>(a) Basic Set up and Operation Training</li> <li>(b) Basic Maintenance Training</li> </ol> </li> </ol>	
MEQ21 -15	<p><b>CHART PROJECTOR</b></p> <p><b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Chart 41 Chart 34 masks, Red / Green and Polarization Filters</li> <li>2. Projection Distance 2.5-8m</li> <li>3. Chart Rotation speed / Average 0.15 sec</li> <li>4. Projection Magnification: 30x at 5m</li> <li>5. Power Saving / Automatic switch off (10min)</li> <li>6. Program 2 programs with a maximum of 30 charts each</li> <li>7. Tilt Angle: 15 degrees</li> <li>8. Power Supply: 100-120V 50Hz : 0.6A, 200-240V 60Hz: 0.3A</li> <li>9. Lamp: LED 4W</li> <li>10. Dimension: 270(W) x 182(D) x 230(H) mm / Weights: 3.44kg</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. One year warranty for parts and service</li> <li>2. Preventive Maintenance for one year (quarterly)</li> <li>3. Repair facility in the country</li> <li>4. ISO Certified company</li> <li>5. Delivery and installation 30 – 60 days upon receipt of P.O</li> </ol>	

	<p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>Basic Set up and Operation Training</li> <li>Basic Maintenance Training</li> </ol> </li> </ol>	
MEQ21-16	<p><b>DIGITAL SLIT LAMP</b>  <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <ol style="list-style-type: none"> <li>Country of Origin: G7 Country</li> <li>Capability to capture Color and B/W Images</li> <li>Auto Exposure Function</li> <li>Capability to capture rapid series of images with one shot</li> <li>Real time live image will be seen on the monitor</li> <li>Video Capability with LAN connection interface included</li> <li>CMOS Camera included</li> <li>With Applanation Tonometer</li> <li>Capability to visualize Endothelial Cells</li> <li>Type: Galilean Type</li> <li>Magnification: At least 3 step Magnification</li> <li>Eyepiece: 12.5x</li> <li>PD adjustment: 60 to 75mm</li> <li>Slit width: 0 to 9mm, can be altered gradually (9mm=circle)</li> <li>Slit length: 1 to 8mm, can be altered gradually</li> <li>Aperture diameter: Ø9, 8, 5, 3, 2, 1, 0.2mm</li> <li>Slit direction: Vertical to horizontal, can be altered gradually</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>Two year warranty for parts and service</li> <li>Preventive Maintenance for one year (quarterly)</li> <li>Repair facility in the country</li> <li>ISO Certified company</li> <li>Delivery and installation 30 – 60 days upon receipt of P.O</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>Basic Set up and Operation Training</li> <li>Basic Maintenance Training</li> </ol> </li> </ol>	
MEQ21-17	<p><b>OPHTHALMIC MICROSCOPE FOR ANTERIOR AND POSTERIOR SURGERY</b>  <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <ol style="list-style-type: none"> <li>Light source LED</li> <li>Illumination Delivery Directly mounted on optical head</li> <li>Illumination Type Adjustable illumination 2°-6°</li> <li>Filters Retina protection filter, Halogen mode</li> <li>Visualization-Apochromatic-Adjustable illumination</li> <li>Zoom system (surgeon) Motorized continuous zoom</li> <li>Magnification (surgeon) 4.3x – 25.5x motorized zoom</li> <li>Focus system (surgeon) Motorized focus</li> <li>Total Focus range (surgeon) 48mm</li> </ol>	

	<ol style="list-style-type: none"> <li>10. Focus System (assistant) manual adjustment</li> <li>11. Eyepiece 12.5x</li> <li>12. Tubes (surgeon) – invertertube</li> <li>13. Tubes (assist) – Invertertube</li> <li>14. Assistant Scope Integrated assistant scope</li> <li>15. Zoom system (assistant) 3-step mag changer</li> <li>16. Objective lens f=200mm</li> <li>17. Footswitch connection wired footswitch</li> <li>18. Functions 12 functions</li> <li>19. XY coupling travel range 60mm / 60mm</li> <li>20. Foot dimension 600 x 600mm</li> <li>21. Stand height 1735mm</li> <li>22. Microscope head tilt angle +30° / -90°</li> <li>23. Suspension arm stroke ±300mm</li> <li>24. Microscope handles standard microscope handles</li> <li>25. Fundus viewing system option</li> <li>26. With outstanding fundus viewing system and aspheric lenses inclusions</li> <li>27. Lens Holder LH 200</li> <li>28. Lens Holder Rotation 0° - 360° (in 30° increments)</li> <li>29. Lenses 60D Aspheric Lens 128D Aspheric Lens</li> <li>30. Sterilization Tray Metal Sterilization Tray</li> <li>31. Programmable user presets Fixed footswitch Presets</li> <li>32. Rated Voltage: 100VAC – 240VAC</li> <li>33. Rated Frequency: 50Hz – 60Hz</li> <li>34. UPS 2 KVA UPS</li> </ol> <p><b>Warranty:</b> <del>WARRANTY: 2 YEAR WARRANTY &amp; SERVICE</del></p> <ol style="list-style-type: none"> <li>1. Two year warranty for parts and service</li> <li>2. Preventive Maintenance for 2 years</li> <li>3. Repair facility in the country</li> <li>4. ISO Certified company</li> <li>5. Delivery and installation 60 – 90 days upon receipt of P.O</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>(a) Basic Set up and Operation Training</li> <li>(b) Basic Maintenance Training</li> </ol> </li> </ol>	
MEQ21 -18	<p><b>OPHTHALMIC ULTRASOUND A/B SCAN</b>  <b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <p><b>B-Scan:</b></p> <ol style="list-style-type: none"> <li>1. Probe: 10 MHz transducer, 10 frames / second</li> <li>2. Scan Angle: 60°</li> <li>3. Scan depth: Normal (35mm / 1550 m/s), Long (50mm / 1550 m/s)</li> <li>4. Sector line density: 400 lines</li> <li>5. Zoom: x2.5, x5.0</li> <li>6. Moving image record: Approximately 20 seconds</li> <li>7. Scale: Color, Gray scale 256 levels</li> <li>8. Gain / TGC: 0 to 90 dB variable / 0 to -20 dB variable</li> </ol>	



	<p>9. Gain curves: Log, Liner, S-curves</p> <p><b>Biometry (A-scan):</b></p> <ol style="list-style-type: none"> <li>1. Probe: 10 MHz solid probe</li> <li>2. Internal fixation: LED (red)</li> <li>3. Measurement value: Axial length, Anterior chamber depth, lens thickness, vitreous body length</li> <li>4. Accuracy: 0.1mm</li> <li>5. Range: 12 to 40mm</li> <li>6. Minimum indicated unit: 1µm</li> <li>7. Built-in IOL formula: BINKHORST, HOLLADAY, SRK, SRK II, SRK/T, HOFFER Q, HAIGIS</li> <li>8. IOP Correction: Available</li> <li>9. Display: 8.4-inch TFT color LCD (XGA: 1024 x 768)</li> <li>10. Printer: Thermal type line printer (easy loading and auto cutter)</li> <li>11. Interface: USB memory (1.1), LAN, RS-232C for KM communication, Video out (NTSC)</li> <li>12. Power Supply: AC 100 to 120 V 10%, 230V 10%, 50/60Hz</li> <li>13. Power Consumption: 70 VA</li> <li>14. Others: Ready to be connected / imported to a computer for filing and external printing</li> </ol> <p><b>Warranty:</b></p> <ol style="list-style-type: none"> <li>1. One year warranty for parts and service</li> <li>2. Preventive Maintenance for one year (quarterly)</li> <li>3. Repair facility in the country</li> <li>4. ISO Certified company</li> <li>5. Delivery and installation 30 – 60 days upon receipt of P.O</li> </ol> <p><b>Training Requirements:</b></p> <ol style="list-style-type: none"> <li>1. Will provide the following Medical Training to (2) end-users (LOCAL) <ol style="list-style-type: none"> <li>(a) Basic Set up and Operation Training</li> <li>(b) Basic Maintenance Training</li> </ol> </li> </ol>	
MEQ21-19	<p><b>90D LENS</b></p> <p><b>[ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</b></p> <ol style="list-style-type: none"> <li>1. Primary Application – General Diagnosis and Small Pupil Examinations</li> <li>2. Original 90D Lens started the slit lamp fundus examination revolution</li> <li>3. Small diameter ring is ideal for dynamic fundoscopy</li> <li>4. Outstanding general diagnostic lens, even through small pupil</li> <li>5. Field of View: 74° / 89°</li> <li>6. Image Magnification: 0.76x</li> <li>7. Laser Spot Magnification: 1.32x</li> <li>8. Working Distance: 7mm</li> </ol>	

MEQ21 -20	<p><b>G-3 GONIOFUNDUS LENS</b> [ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</p> <ol style="list-style-type: none"> <li>1. Primary Application: Viewing and Treatment of the Anterior Chamber and Central and Peripheral Fundus</li> <li>2. All glass design provides superior clarity and durability compared to acrylic lenses</li> <li>3. Mirrors are accurately angled to eliminate gaps and visualized fundus</li> <li>4. Flanged version provides stability for trabeculoplasty</li> <li>5. No flange version ideal for gonioscopy</li> <li>6. Lens Diameter: G-3 goniofundus 15mm</li> <li>7. Mirror Angles: 60/66/76°</li> <li>8. Image Magnification: 1.06x</li> <li>9. Laser Spot Size</li> <li>10. Contact Diameter: .94</li> </ol>	
MEQ21 -21	<p><b>ABRAHAM IRIDECTOMY LENS</b> [ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</p> <ol style="list-style-type: none"> <li>1. 10mm diameter, 66D magnifying button in the anterior surface of the lens is positioned over the peripheral iris to give a clear view of the iridectomy site. Laser efficiency is increased compared with using no lens. The lens also helps stabilize the patient's eye and retains the eye lids.</li> <li>2. Image Magnification: 1.5x</li> <li>3. Laser Spot Magnification: .67x</li> <li>4. Contact Diameter: 15.5mm</li> <li>5. Lens Height: 16.5mm</li> </ol>	
MEQ21 -22	<p><b>ABRAHAM CAPSULOTOMY LENS</b> [ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</p> <ol style="list-style-type: none"> <li>1. Stabilizes the patient's eye and minimizes the possibility of pitting the IOL during Nd: YAG laser capsulotomy. A 10mm diameter, 66D magnifying button in the center of the lens enhances visualization and allows precise laser focus on the posterior capsule</li> <li>2. Image magnification 1.8x</li> <li>3. Laser Spot Magnification 0.56x</li> <li>4. Contact Diameter 15.5mm</li> <li>5. Lens Height 16.5</li> </ol>	
MEQ21 -23	<p><b>TRIAL LENS KIT</b> [ALL equipment and components should be original, branded (not clone or assembled) and brand new.]</p> <p><i>Technical Specifications:</i></p> <ol style="list-style-type: none"> <li>1. Spheres: 40 pairs each of concave and convex <ol style="list-style-type: none"> <li>(a) 0.25D to 6.00D in 0.25 step</li> <li>(b) 6.50D to 10.00D in 0.50 step</li> <li>(c) 11.00D to 15.00D in 1.00 step</li> </ol> </li> <li>2. Cylinders: 20 pairs each of concave and convex <ol style="list-style-type: none"> <li>(a) 0.25D to 4.00D in 0.25 step</li> </ol> </li> </ol>	

	(b) 4.50D to 6.00D in 0.50 step 3. Prisms: 12 pieces (a) 0.5(2)1.0 to 10.0 in 1.0 step (b) Accessories: 14 pieces RF, GF, BL, PL (2), MR (2), FL, CL (2), PH (2), SS, PF Cross cylinder X0.25 X0.50	
MEQ21 -24	<b>PHACOEMULSIFICATION &amp; MINOR INSTRUMENT SET</b> <b>[MICROSURGERY CATARACT AND INTRAOCULAR LENS SET]</b> 1. Bar. Wire Speculum Adult 2. Jaffe Tying Forceps 3. Mcpherson Forceps 11mm 4. Mc PhersonCoreal 1 Forceps 5. Dastor Superior Rectus Forceps 6. Forceps criss-cross serrated 7. Corneal Scissor (Small) 8. Vannas Scissor Angled 9. Wescott Stitch scissor (very sharp pointed tips) 10. Barraquer Needle Holder 11. Hartman Mosquito Forceps (Straight) 12. Hartman Mosquito Forceps 13. Rycroft Air Injection Cannula 23G 14. I/A Simcoe Cannula 23G 15. Bard Parker Flat Handle 16. Phaco Chopper Sharp Edge 17. Sinskey Hook 18. Lewis Lens loop (small) 19. Smith Lens Expressor 20. Sterilization Box Complete – Small <b>MICROSURGERY PTERYGIUM SET</b> 1. Lancaster Eye Speculum Solid Blade 2. Barr. Cataract Knife in Sliding Case 3. Paufigue Graft Knife – Angled Tip 4. Paton Corneal Dissector 5. Castroviej Needle Holder delicate jaws curved without lock 6. Boncocolto Utility Forceps, 1.2m 7. St Martin Suturing Forcep 8. Strabismus Scissor 9. Iris Scissors Delicate pointed tips ring, straight 3.5' <b>MICROSURGERY LID SET</b> 1. Lancaster Eye Speculum Solid Blade 2. Desmares Lid Retractor Size 0 3. Jaeger Lid Plate 4. Muscle Hook Size 3 5. MeyerhoeferChalazion Curette 6. St Martin Suturing Forcep 7. Fixation Forcep 8. Beer Cilia Forcep 9. Snellen Entropium Forceps, Left Small 10. Ayer Chalazion Forceps 11. Lambert ChalazionForcep 8mm Round	

	12. Tying Forcep Straight 13. Hartman Mosquito Forcep (Straight) 14. Hartman Mosquito Forcep 15. Wescott Stitch scissor (very sharp pointed tips) 16. Eye Scissors curved 4 ½" length 17. Tenotomy Scissor 18. Kalt needle holder, Straight 19. Barraquer Needle Holder 20. Bard Parker Flat Handle 21. Caliper Straight 22. Corneal Scissor (Small) <b>MICROSURGERY ENUCLEATION SET</b> 1. Lancaster Eye Speculum Solid Blade 2. Graef Muscle Hook 3. Wells Enucleation Spoon 4. Elsching Fixation Forceps 5. Halsted Mosquit Forceps delicate 5.25 (145mm) 6. Tenotomy Scissor 7. Enucleation Scissor Ring Andel Straight 3.5' length 8. Iris Scissors Delicate pointed tips ring, straight 3.5'	
<b>OBSTETRICS-GYNECOLOGICAL MEDICAL INSTRUMENTS / EQUIPMENT</b> <b>(LOT Items No. 25.a-25.d)</b>		
MEQ21 -25.a	<b>EXAMINATION TABLE HAMILTON TYPE WITH STIRRUPS</b> <b>General Consideration:</b> All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new 1. Delivery Table / Bed, made in 3 sections 2. Size: 1680 x 620 x 800mm 3. With adjustable back rest and leg rest to varying positions 4. Framework made of mild steel epoxy coated finish 5. Supplied with S.S bowl and two leg holders 6. Mounted on protective stumps 7. Freight saving knock-down construction	
MEQ21 -25.b	<b>FETAL DOPPLER EDAN POCKET DOPPLER</b> <b>General Consideration:</b> All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new <b>Technical Specifications:</b> <b>Physical Characteristics:</b> 1. <b>Main Unit:</b> a. Size: 34 (Depth) x 89 (Width) x 141 (Height) mm +/- 1mm b. Weight: <300 grams (including battery and probe) 2. <b>Probe:</b> a. Water-proof Probe: IPX8 b. Weight: 100 grams c. Cable length: 2.5m	

	<p>d. Size: 88 mm (Diameter) x 35 mm (Thickness)</p> <p><b>3. Display:</b></p> <p>a. 45mm x 25mm LCD Display</p> <p><b>4. Ultrasound:</b></p> <p>a. Working mode: Continuous Wave Doppler</p> <p>b. Frequency:</p> <ul style="list-style-type: none"> <li>○ Obstetrics <ul style="list-style-type: none"> <li>▪ 2 MHZ (standard)</li> <li>▪ 3 MHz (Option)</li> </ul> </li> </ul> <p>c. Intensity (<i>I<sub>ob</sub></i>): &lt;10mW/cm<sup>2</sup></p> <p>d. FHR Range: 50 bpm – 210 bpm</p> <p>e. FHR Resolution: 1bpm</p> <p>f. Accuracy: +/- 3bpm</p> <p><b>Sensitivity:</b> 10 weeks gestation (3MHz)</p> <p><b>Audio Output Power:</b> 1 W</p> <p><b>Auto Shut Down:</b> 1 minute after no signal or operation, auto shut down</p> <p><b>5. Battery:</b></p> <p>a. Alkaline battery (AA LR6 1.5V)</p> <p>b. Rechargeable battery (AA R6 1.2V)</p> <p><b>6. Safety:</b></p> <p>a. Complies with IEC 60601-1:1988+A1+A2, EN 60601-1:1990+A1+A2 IEC/EN 60601-1-2:2007, IEC/EN 61266</p>	
MEQ21 -25.c	<p><b>DELIVERY TABLE</b></p> <p><b><u>Universal Operating Table with Complete Basic Accessories</u></b> ISO 9001:2008, ISO 13485:2003, CE Declaration of Conformity &amp; ELM-1260 Certificate</p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>Technical Specifications:</b></p> <p>The tabletop should be radiolucent material &amp; X-Ray access.</p> <ol style="list-style-type: none"> <li>1. 5 sections table plate including head plate, back plate, sitting plate and two separate leg plates.</li> <li>2. <b><u>With leg plate fold design to avoid disassembling of the leg plate for gynecology operations, urology, etc.</u></b></li> <li>3. Max. lifting capacity should be no less than 380kg</li> <li>4. Load capacity should be no less than 275kg</li> <li>5. The table pad should be double layered and not soft but can be molded by the figure of the patient to deliver even counter-force and reduce the possibility of ulcer, and it should be water-proof and anti-static material and can be washed by water directly; each joint should be sealed by ultrasonic not glue and sewing.</li> <li>6. The thick of the mattress should be more than 75mm</li> </ol>	

<ol style="list-style-type: none"> <li>7. It should have at least 2 control models from remote panel, column panel and foot switch.</li> <li>8. Main table articulation movement is powered by electro-hydraulic system, including break system, back plate up and down, tilt left and right, Trendelenburg and reverse Trendelenburg, table up and down, and tabletop sliding.</li> <li>9. <b><u>One-click button design for easier removal or assembly the head and leg plates.</u></b></li> <li>10. Base cover is made of ABS plastic (optional base cover is made of stainless steel (CrNi steel))</li> <li>11. Base is made of robust cast steel, grey-dyed with scratch resistant coating</li> <li>12. <b><u>It should have a battery inside the table, which can work 50-80 operations for two weeks and the battery should be standard configuration.</u></b></li> <li>13. Two standby built-in batteries</li> <li>14. With back-up control system on the column for emergency use</li> <li>15. It should have u-shaped design on base cover forming a larger space for surgeon while doing the operations</li> <li>16. Head plate and leg plate can be adjusted, attached and removable manually</li> <li>17. Gas spring enables the adjustments of leg plates with less efforts</li> <li>18. It should be interchangeable for the leg plates and head rest for normal position and reverse position</li> <li>19. Maximum imaging space up to 1,400 mm for cardiovascular or spinal surgeries</li> <li>20. It should have electric longitudinal shift function not less than 320mm enables optimum access to C-arm without repositioning the patient for imaging purposes, ideally suitable for cardiovascular or spinal surgery.</li> <li>21. <b><u>Manual Override System is easily access at any time and allows table articulation movements and release the break in the event of primary control or power malfunction.</u></b></li> <li>22. <b><u>Manual operations of all basic electro-hydraulic functions can be actuated by using the foot pump combined with the hand control or column backup control panel.</u></b></li> <li>23. It should have a build-in 120mm elevator</li> <li>24. The rails and the column of the table should be made of high-level Nickel-Chrome stainless steel.</li> <li>25. Whole table should be made from radiolucent material and without any metal cross-bar for endoscopy</li> <li>26. Optional carbon fiber tabletop guaranteeing better imaging solution</li> <li>27. Height adjustment of up to 502 mm for table's versatile positions</li> </ol> <p><b>Basis Information:</b></p> <ol style="list-style-type: none"> <li>1. Length of table <math>\geq 2060</math> mm</li> <li>2. Width of the table with rails <math>\geq 75</math> mm</li> <li>3. Thickness of mattress <math>\geq 75</math> mm</li> </ol> <p><b>Electric Function:</b></p> <ol style="list-style-type: none"> <li>1. Ultra-low position <math>\leq 498</math> mm</li> <li>2. Highest position <math>\geq 1000</math> mm</li> </ol>	
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	<ol style="list-style-type: none"> <li>3. Longitudinal shift <math>\geq 320</math> mm</li> <li>4. Turn left tilt <math>\geq 21^\circ</math></li> <li>5. Turn right tilt <math>\geq 21^\circ</math></li> <li>6. Trendelenburg position <math>\geq 26^\circ</math></li> <li>7. Reverse Trendelenburg position <math>\geq 26^\circ</math></li> <li>8. Back plate up position <math>\geq 80^\circ</math></li> <li>9. Back plate down position <math>\geq 40^\circ</math></li> <li>10. Flex position <math>\geq 220^\circ</math></li> <li>11. Re-flex position <math>\geq 110^\circ</math></li> <li>12. "O" position by one electric button</li> </ol> <p><b>Mechanical Function:</b></p> <ol style="list-style-type: none"> <li>1. Head plate up <math>\geq 45^\circ</math></li> <li>2. Head plate down <math>\geq 90^\circ</math></li> <li>3. Build-in elevator <math>\geq 120</math> mm</li> <li>4. Leg plate up <math>\geq 20^\circ</math></li> <li>5. Leg plate down <math>\geq 90^\circ</math></li> <li>6. Leg plates spread <math>\geq 180^\circ</math></li> </ol> <p><b>Basic Accessories:</b></p> <ol style="list-style-type: none"> <li>1. 1pc tabletop pad with special foam core pad, including one piece of back and sitting pads, one piece of head pad and a pair of leg pads.</li> <li>2. 1pc Head plate</li> <li>3. 1pc Left leg plate</li> <li>4. 1pc Right leg plate</li> <li>5. 1pc Hand Control with Longitudinal shift function</li> <li>6. 1pc Built-in body elevator, with key</li> <li>7. 1pc Light Anesthesia Frame, one piece with radial universal clamp</li> <li>8. 1 pair of Arm board with up and down and rotation function, one piece with one heavy radial universal clamp, Memorized foam pad and two pieces of fasten belt with clamps</li> <li>9. 1 pair heavy version leg support, one pair heavy radial universal clamp, Memorized foam pad and two pieces of fasten belt.</li> </ol>	
MEQ21 -25.d	<p><b>DROP LIGHT / EXAMINATION LIGHT STAND LAMP / GOOSENECK FLOOR LAMP</b></p> <p><b>General Consideration:</b></p> <p>All equipment and components should be original, branded (not clone or assembled), up-to-date, and brand new.</p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Height Range: 150mm</li> <li>2. Stainless Steel 201</li> <li>3. Reflector Diameter: 17cm stainless steel 201</li> <li>4. Insulated blue coated flexible gooseneck</li> <li>5. Tube diameter 2.5cm</li> <li>6. 5 legged base casters 5cm in diameter</li> </ol> <p><b>Delivery Schedule:</b> 7 to 15 days upon receipt of PO</p> <p><b>Price Validity:</b> Subject to change without prior notice</p>	

## APPENDIX "1"

### **Bid Form for the Procurement of Goods** (Shall be submitted with the Bid)

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#### **BID FORM**

Date : \_\_\_\_\_  
Project Identification No. : \_\_\_\_\_

To: *[name and address of Procuring Entity]*

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform]* *[description of the Goods]* in conformity with the said PBDs for the sum of *[total Bid amount in words and figures]* or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

*[Insert this paragraph if Foreign-Assisted Project with the Development Partner:*

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Purpose of Commission or gratuity
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_____	_____
_____	_____

(if none, state "None") ]

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.



We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Name: \_\_\_\_\_

Legal capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

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

### Price Schedule for Goods Offered from Within the Philippines

*[shall be submitted with the Bid if bidder is offering goods from within the Philippines]*

### For Goods Offered from Within the Philippines

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

[illegible]

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Location of the Project

Business Name : \_\_\_\_\_  
Business Address : \_\_\_\_\_

[illegible]

1. Notice of Award and / or Contract (Government and Private Contracts)
2. Sales Invoices (Private Contracts)

Date \_\_\_\_\_

Name of the Procuring Entity

Project Reference Number  
Name of the Project  
Location of the Project

Statement of Single Largest Completed Contract which is similar in nature for the past 2 years

Business Name : \_\_\_\_\_  
Business Address : \_\_\_\_\_

Name of Contract	a. Owner's Name b. Address c. Telephone No.	Nature of Work	Bidder's Role		a. Amount of Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		
Government						
Private						

Note: This statement shall be supported with:

- 1. Notice of Award and/or Contract (Government and Private Contracts)
- 2. Sales Invoice (Private Contracts)

Submitted by : \_\_\_\_\_  
(Signature Above Printed Name)

Designation : \_\_\_\_\_

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

## Omnibus Sworn Statement (Revised)

*[shall be submitted with the Bid]*

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REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_)  
S.S.

### AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

*[If a sole proprietorship:]* I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

*[If a partnership, corporation, cooperative, or joint venture:]* I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

*[If a sole proprietorship:]* As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

*[If a partnership, corporation, cooperative, or joint venture:]* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a partnership or cooperative:]* None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a corporation or joint venture:]* None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. [Name of Bidder] complies with existing labor laws and standards; and
8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or**

converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_, 20\_\_ at \_\_\_\_\_, Philippines.

*[Insert NAME OF BIDDER OR ITS  
AUTHORIZED  
REPRESENTATIVE]*

*[Insert signatory's legal capacity]*  
Affiant

**[Jurat]**

*[Format shall be based on the latest Rules on Notarial Practice]*

## **Bid Securing Declaration Form**

*[shall be submitted with the Bid if bidder opts to provide this form of bid security]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S.

### **BID SECURING DECLARATION** **Project Identification No.: *[Insert number]***

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this \_\_\_\_\_ day of  
*[month] [year] at [place of execution].*

*[Insert NAME OF BIDDER OR ITS AUTHORIZED  
REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant

**[Jurat]**

*[Format shall be based on the latest Rules on Notarial Practice]*



## Performance Securing Declaration (Revised)

*[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S.

### PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents] To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
  - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
    - i. Procuring Entity has no claims filed against the contract awardee;
    - ii. It has no claims for labor and materials filed against the contractor; and
    - iii. Other terms of the contract; or
  - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

**IN WITNESS WHEREOF**, I/We have hereunto set my/our hand/s this \_\_\_\_\_ day of [month] [year] at [place of execution].

[Insert NAME OF BIDDER OR ITS  
AUTHORIZED REPRESENTATIVE]  
[Insert signatory's legal capacity]  
Affiant

**[Jurat]**

*[Format shall be based on the latest Rules on Notarial Practice]*

## Contract Agreement Form for the Procurement of Goods (Revised)

*[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]*

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### CONTRACT AGREEMENT

THIS AGREEMENT made the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_ between [name of PROCURING ENTITY] of the Philippines (hereinafter called "the Entity") of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called "the Supplier") of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures in specified currency]* (hereinafter called "the Contract Price").

#### NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:
  - i. Philippine Bidding Documents (PBDs);
    - i. Schedule of Requirements;
    - ii. Technical Specifications;
    - iii. General and Special Conditions of Contract; and
    - iv. Supplemental or Bid Bulletins, if any
  - ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;  
  
Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
  - iii. Performance Security;
  - iv. Notice of Award of Contract; and the Bidder's conforme thereto; and
  - v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

*[Insert Name and Signature]*

*[Insert Name and Signature]*

*[Insert Signatory's Legal Capacity]*

*[Insert Signatory's Legal Capacity]*

for:

for:

*[Insert Procuring Entity]*

*[Insert Name of Supplier]*

**Acknowledgment**

*[Format shall be based on the latest Rules on Notarial Practice]*