



PHILIPPINE HEART CENTER  
East Avenue, Quezon City

**SUPPLEMENTAL BID BULLETIN No. 043-2023**

**SUBJECT : Revised Technical Specification**

**PROJECT/S : 2 units Sternal Saw (Battery-Operated)- ITB No. 047.23**

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To ensure that the transactions are comparatively advantageous to the interests of the PHC, the originally pre-issued bidding documents, thus, revisions/changes are introduced.

<b>PHC- Technical Specification</b>
Delivery Period = 60 calendar days to <b>90 calendar days.</b>
<b>Revised Technical Specification of the Project: re: 2 units Sternal Saw (Battery-Operated)</b>
<b>Description of Function</b>
Sternal Saw Battery Operated is use to perform median sternotomy. (Opening the patient's chest splitting the breastbone, or sternum). This is used in majority of all cardiac surgeries.
<b>Operational Requirements</b>
System complete with all accessories as specified in the Technical Specifications below.
<b>1 Technical Specifications</b>
1.1 Reciprocating Saw
1.1.1 Sterilizable (autoclave or plasma gas sterilization)
1.1.2 Battery Operated Sternal Saw Hand Piece
1.1.3 Stainless Steel and/or Titanium construction material
1.1.4 Integrated locking mechanism in battery housing (ensuring sterile environment)
1.1.5 Battery funnel/shield or provision for aseptic loading of battery into hand piece
1.2 5 pieces Sternum Blades (to include upon delivery)

1.3 Battery Removable Device
1.4 Reversible blade guard
1.5 Instrument Sterilization Container with Lid
1.5.1 Lid with integrated germ barrier system made of PTFE (Polytetrafluoroethylene) filter valid for 5000 reprocessing cycles or Maintenance Free Barrier System
1.5.2 Sterilizable stainless steel container fitted inside the Instrument Sterilization Container
1.5.2.1 Perforated basket: 243 x 253 x 106 mm (minimum)
1.5.2.2 Perforated basket lid that will fit and lock with the perforated basket
1.5.2.3 Fixation devices inside the basket
1.5.2.4 Automated washer compatible
1.6 Warranty
1.6.1 Three (3) years in parts and service upon delivery
1.6.2 Preventive Maintenance every 6 months while on warranty
1.6.3 Availability of Spare Parts: at least 10 years
1.6.4 Available loaner / back up unit in case of unit malfunction/ servicing
<b>2. Environmental Factors</b>
2.1 The unit shall be capable of being stored continuously in ambient temperature of 0-50°C and relative humidity of 15-90%
2.2 The unit shall be capable of operating in ambient temperature of 20-30°C and relative humidity of less than 70%
<b>3. Power Supply</b>
3.1 Rechargeable battery high capacity lithium Ion or NiMH – 2 pieces for each unit
3.2 Battery Charger

<b>4. Standards, Safety and Training</b>
4.1 Manufactures/ Supplier should have ISO 13485 certificate to Quality Standard
4.2 Should be FDA, CE, UL, or BIS approved product
4.3 Comprehensive technical training for PHC BIOMED and User's Training to staff for familiarity with the system
<b>5. Documentation</b>
5.1 User/Technical Maintenance manuals to be supplied in English upon delivery

This Supplemental Bid Bulletin is hereby issued to modify the original parameters as stated therein.

All other requirements previously stated on the bid documents must be complied.

Please be guided accordingly.

**Approved.** Done this 26<sup>th</sup> day of June 2023, BAC Office, PHC.

  
**MARIETTA A. VELASCO, RN, MAN, MBAH**  
Chairman, BAC for Pharmaceutical Supplies & Med Equipment