



Republic of the Philippines
Department of Health
Regional Office No. XI
SOUTHERN PHILIPPINES MEDICAL CENTER
J.P. Laurel Avenue, Davao City



TECHNICAL SPECIFICATIONS

ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE

(Name of Project)

Instructions:

Bidders must state in the column under **Statement of Compliance** the word 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” 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).

Bidder may submit offer which provides for superior specifications and /or better terms and conditions to the government at no extra cost. However, these shall not be given any bonus, credit or premium in the bid evaluation

Prepared by Technical Working Group

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The bidder is required to complete its Statement of Compliance demonstrating how its items complied with the specification. Non-completion of Statement of Compliance for the item included in its bid shall be considered **non- responsive** for that item.

<i>Item</i>	<i>Procuring Entity's Specification</i>	<i>Bidder's Specification as Technical Offer</i>	<i>Statement of Compliance</i>
<u>ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE</u>	ONE (1) LOT BRAND NEW NEONATAL CARE PACKAGE Two (2) Infant Warmers with resuscitator Microprocessor controlled system Performs self-function test upon power up and continuously during operation Heater warm up in less than 3 minutes No alarms during warm up process Heater element is 360 watts or better With hands free silence alarms Rotatable mattress With pressure reducing mattress With integrated x-ray tray No heat reduction during x-ray procedure With 2 dimmable halogen observation lights (35 W each) at 0-1500 lux average With procedure light (50 W), 2000 lux average, estimated life 3000 hours With hands free silence alarms Full color control panel display with shows patient parameters and trending With integrated resuscitation and Masimo technology SpO2 that conforms with latest resuscitation guidelines		

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<p><i>(Continuation)</i></p> <p><u>ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE</u></p>	<p>Capable of the following resuscitation set up: Venturi vacuum, subsystem, adjustable PIP, flowmeters, Air and oxygen blender</p> <p>With integrated in-bed scale</p> <p>Adjustable heater output from 0-100% in increments of 5%</p> <p>With dual modes: patient and manual</p> <p>Patient control mode of 34°C to 37.5°C in increments of 0.1°C</p> <p>Manual mode heat selection from 0 to 100% in 5% increments</p> <p>Temperature measurement accuracy of $\pm 0.3^{\circ}\text{C}$</p> <p>Probe accuracy of $\pm 0.1^{\circ}\text{C}$ Range: 30-42°C</p> <p>Full color display</p> <p>Height adjustment of</p> <p>Weight of not more than 100 kilograms</p> <p>With two (2) standard drawers weighing not more than 7 kg.</p> <p>With standard deep drawer weighing not more than 7 kg.</p> <p>Mattress size: approximately 65 x 48 x 4 cm</p> <p>Bed to floor height of 83-108 cm with 4 cm fixed increments</p> <p>Bed capacity: 12-14 kilograms</p> <p>Continuous bed tilting $\pm 12^{\circ}$</p> <p>220-240 VAC, 50/60 Hz</p> <p>Power consumption: 520W at maximum heat and lighting</p>		

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<p><i>(Continuation)</i></p> <p><u>ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE</u></p>	<p>Complies with IEC 60601-1 for electrical safety</p> <p>Infant resuscitator Gas-powered Precise monitoring of, and control over, Peak Inspiratory Pressure (PIP), for safe inspiration With fine adjustment of Positive End Expiration Pressure (PEEP) With reliable pressure valves to vent excess PIP and limit PEEP With Accurate oxygen blending of 21% to 100%</p> <p>Fourteen (14) Infant Warmers Microprocessor controlled system Performs self-function test upon power up and continuously during operation Warmer heats in less than 12 minutes Adjustable heat by increments of 5% Adjustable heater output from 0-100% in increments of 5% With dual modes: patient and manual Patient control mode of 30°C to 38°C in increments of 0.1°C Manual mode heat selection from 0 to 100% in 5% increments Temperature measurement accuracy of $\pm 0.3^{\circ}\text{C}$ Temperature probe accuracy of $\pm 0.1^{\circ}\text{C}$ With rotation capability up to 90°</p>		

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<p><i>(continuation)</i></p> <p><u>ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE</u></p>	<p>Automated heater shut off during rotation</p> <p>With alarm sounds for temperature deviation</p> <p>Automatic machine shut off for temperature more than 1° of the set temperature</p> <p>Capable of ±Trendelenburg and reverse Trendelenburg, continuous tilt</p> <p>Mattress size of not more than 18x37x1 inch</p> <p>With observation light of at least 500 lux at mattress; not less than 4000 hours lamp life</p> <p>Colored panel</p> <p>With LED screen</p> <p>With integrated APGAR timer</p> <p>APGAR timer with three tones set for one, five and ten minutes</p> <p>With integrated x-ray tray</p> <p>With rail system for accessories</p> <p>With two standard drawers</p> <p>With one (1) pole</p> <p>With one (1) utility pole</p> <p>With one (1) cylinder holder</p> <p>Height of not more than 72 inches</p> <p>Weight of not more than 75 kilograms</p>		

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<p><i>(continuation)</i></p> <p><u>ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE</u></p>	<p>Complies with IEC 60601-1 for electrical safety, IEC Class 1 and Type B Certified for the following international standards: IEC 60601-1:1998, IEC 60601-1-2, IEC 60601-2-21, UL 60601-1:2003, EMC Class-A, certified under IECEE CB Scheme</p> <p>Other terms & conditions of acceptability:</p> <ol style="list-style-type: none"> 1. The equipment must be a BRAND NEW unit and under warranty including spare parts for at least 2 years. Supplier must bind itself to conduct preventive maintenance on a quarterly basis at its own expense (including labor and cost of spare parts in compliance) with SPMC ISO and CQI Standards. 2. All machines must be manufactured by a known and reputable company with Certificate of Good Manufacturing Practice (GMP), TUV or ISO or its equivalent for equipment only. 3. The equipment / machine must be able to comply with its installation and operation qualification which would be conducted in the presence of a Biomedical Technician, End-user and the Company Engineer. 		

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<p><i>(continuation)</i></p> <p><u>ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE</u></p>	<p>4. In line with the ISO standard requirement, the engineer must be capable of conducting annual calibration and the issuance of certificate for the said calibration based on the following data:</p> <ul style="list-style-type: none"> a. Reference standards b. National Institute of Standards and Technology traceability c. Reference values d. Validity period e. Uncertainty of measurement <p>5. Supplier must comply with the following conditions:</p> <ul style="list-style-type: none"> a. Must be the exclusive or authorized distributor of the principal company of the equipment and the necessary consumables in the Philippines. b. Submit Certificate of Training of the Company Engineer / Technical Personnel and Product Specialist issued by the Principal or Manufacturer. c. Provide company response within 24 – 48 hours in case of technical problems or equipment breakdown. 		

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<p><i>(continuation)</i></p> <p><u>ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE</u></p>	<p>d. In case of machine downtime, the supplier is given three (3) days for remedial action (repair and or replacement of spare parts). On the 4th day, if the unit is not operational, a back-up machine shall be provided (within the warranty period).</p> <p>6. The Supplier must submit the following:</p> <p style="padding-left: 40px;">a. Three (3) copies of the Operating and Service Manuals in English during the delivery of the equipment.</p> <p style="padding-left: 40px;">b. Notarized Certificate of availability of spare parts for the next ten (10) years.</p> <p>7. The winning bidder shall provide an Automatic Voltage Regulator suitable for the equipment.</p> <p>8. The principal in coordination with the supplier must provide a comprehensive certification training program preferably onsite for the end-users and biomedical technician without additional cost to the procuring entity. Supplier must submit a comprehensive training module as part of the technical specification which covers product orientation, hands-on training and troubleshooting. The said training must be conducted by a certified product specialist.</p>		

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<i>(continuation)</i> <u>ONE (1) LOT BRAND NEW NEONATAL CARE EQUIPMENT PACKAGE</u>	9. Cost of damages on the existing facility that will be incurred during delivery and installation of all equipment will be shouldered by the supplier. 10. The Southern Philippines Medical Center has the right to terminate the contract for any violation in the terms and conditions stated in the technical specification and other reasons as stated in the General Conditions of the Contract (GCC).		

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