



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 POSITIVE / NEGATIVE PRESSURE ISOLATION SYSTEM WITH HEPA 14 / ULPA 15 FILTERS

(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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Project

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 POSITIVE / NEGATIVE PRESSURE ISOLATION SYSTEM WITH HEPA 14 / ULPA 15 FILTERS</u>	<p>PROCUREMENT OF ONE (1) LOT POSITIVE/NEGATIVE PRESSURE ISOLATION SYSTEM WITH HEPA 14 / ULPA 15 FILTERS</p> <p>Nine (9) Set Portable Positive Pressure Unit 100 % efficient against the following: Tuberculosis, Influenza Virus, Aspergillosis, SARS, Varicella Capable of 360 degrees uniform air extraction and supply Maximum airflow of 600 m3/ hr Air quality result is achieved in not more than 20 minutes With standard fan speed of 900, 1300, 1700, 2800 RPM Capable of fan adjustment Fan stage can be adjusted to silent, basic, high and intensive levels With HEPA 14 Filter type composed of Pre Filter, Activated Carbon Filter and HEPA14 Complies to EN1822 standards With LED display monitoring indicators for filter degree contamination as 50%, 80%, 90% and 100% With remote control With wall bracket system Weight of not more than 16 kilograms 220 V, 60 Hz, 80 Watts Complies with CE standards</p>		

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<p><i>(Continuation)</i></p> <p><u>ONE (1) LOT POSITIVE / NEGATIVE PRESSURE ISOLATION SYSTEM WITH HEPA 14 / ULPA 15 FILTERS</u></p>	<p>One (1) unit Particle Counter</p> <p>Six size channels Flow rate of 2.83 l / min Light source of 775 – 795 nm Capable of the following count modes: raw counts, number per m3, number per ft3 and number per liter in cumulative or differential mode Counting efficiency of 50% at 0.3 micrometer and 100% for particles greater than 0.45 micrometer 1 count per 5 minutes Concentration limits 10% at 4,000,000 particles per ft3 Capable of 100,000 data storage User selected particle channels and limits QCGA color with backlight display With isokinetic probe With administrator password controlled security Capable of USB or Ethernet communication modes Dimension of not more than 11 x 4 x 2.1 inches (LxWxD) Weight of not more than 1.5 lbs. With rechargeable Lithium ion battery Battery operating time of not less than 10 hours</p>		

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<p><i>(Continuation)</i></p> <p><u>ONE (1) LOT</u> <u>POSITIVE /</u> <u>NEGATIVE</u> <u>PRESSURE</u> <u>ISOLATION</u> <u>SYSTEM WITH</u> <u>HEPA 14 / ULPA</u> <u>15 FILTERS</u></p>	<p>With cradle for charging, Ethernet cable, USB cable With 12V dc power supply, With zero count inlet filter With filter adapter With sample inlet protective cap With hard case</p> <p>Six (6) Sets Negative Pressure System with ULPA 15 Filter</p> <p>One way air flow Ceiling mounted With remote control key for hospital staff With degree of contamination indicator at remote control With four operational level control Fan stage can be adjusted to silent, basic, high and intensive levels Clean air capacity of not less than 220 - 990 m3 per hour With ULPA 15 quality filter cartridge capable of up to 99.9995% on 0.1 to 0.3 micrometer at 10sq.m. With permanent pressure difference display With integrated security alarm in case of pressure drop in 60 seconds</p>		

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<i>(continuation)</i> <u>ONE (1) LOT POSITIVE / NEGATIVE PRESSURE ISOLATION SYSTEM WITH HEPA 14 / ULPA 15 FILTERS</u>	Complies with ISO 9001, ISO 14001 Safety Class 1, EN1822 Dimension of not more than 54 x 54 x 27 centimeters 220 V, 60 Hz, 8 to 175 Watts Complies with CE standards Other terms & conditions of acceptability: 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 POSITIVE / NEGATIVE PRESSURE ISOLATION SYSTEM WITH HEPA 14 / ULPA 15 FILTERS</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. 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). 		

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<i>(continuation)</i> <u>ONE (1) LOT POSITIVE / NEGATIVE PRESSURE ISOLATION SYSTEM WITH HEPA 14 / ULPA 15 FILTERS</u>	<p>6. 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> <p>7. The Supplier must submit the following:</p> <ul style="list-style-type: none">a. Three (3) copies of the Operating and Service Manuals in English during the delivery of the equipment.b. Notarized Certificate of availability of spare parts for the next ten (10) years.c. Notarized Certificate of availability of consumables for the next ten (10) years. <p>8. Supplier shall provide at least (5) clinically validated supporting studies regarding the efficiency of the system done by reputable research organizations.</p>		

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