AMENDMENT

Request for Bids
Goods

(Two-Envelope Bidding Process)

Procurement of:

Acquisition of equipment for the Boavista Surgery Room:

- Lot I - Medical Gases,
- Lot II - Hospital Medical Equipment;
- Lot IIIa - Surgical instruments - Gynaecology-Obstetrics Surgery Box;
- Lot IIIb - Surgical Instruments-Orthopedic Surgery;
- Lot IIIc - Surgical instruments - Stomatological Surgery Box;
- Lot IIId - Surgical Instruments - General Surgery
- Lot IV - Textiles and sterilization boxes

RFB No: 028/HSP/UGPE

Project: Health Security Program in Western and Central Africa Project

Purchaser: Unidade de Gestão de Projecto Especiais – Ministério das Finanças e do Fomento Empresarial**.**

Country: Republic of Cabo Verde

Amendment # 1 was issued on January 15, 2025.

AMENDMENT #1 - RFB: 028/HSP/UGPE

THIS **RFB AMENDMENT#1** to the RFB No: 028/HSP/UGPE - Acquisition of equipment for the Boavista Surgery Room: Lot I - Medical Gases, Lot II - Hospital Medical Equipment; Lot IIIa - Surgical instruments - Gynaecology-Obstetrics Surgery Box; Lot IIIb - Surgical Instruments - Orthopedic Surgery ; Lot IIIc - Surgical Instruments - Stomatological Surgery Box; Lot IIId - Surgical Instruments - General Surgery ; Lot IV - Textiles and sterilization boxes, is entered into 15 days of the month of January 2025.

CONSIDERING the request for clarifications requested by the bidders;

CONSIDERING the clarifications provided by the client, there is a need to proceed to modifications in the RFB issued on December 3, 2024 thus, the RFB is modified the clauses as follows:

Section II - Bid Data Sheet (BDS)

	C. Preparation of Bids
ITB 19.1	A Bid Security is required in form of a **Bid-Securing Declaration** **shall be** required.
	B. Contents of Bidding Document
ITB 7.1	For **Clarification of Bid purposes** only, the Employer's address is: Attention: Mrs. Ailine Fernandes – Procurement Officer Email: Ailine.fernandes@mf.gov.cv Mrs. Edna Fernandes – Procurement Assistant Email: Edna.fernandes@mf.gov.cv Mrs. Karine Tavares - Procurement Assistant Email: Karine.tavares@mf.gov.cv C/C: Mr. Nuno Gomes – Coordinator UGPE E-mail: nuno.gomes@mf.gov.cv. Address: Ministério das Finanças e do Fomento Empresarial. Unidade de Gestão de Projectos Especiais. Av. Amilcar Cabral, Ex Edifício do BCV, 4º andar. PO Box 145, Plateau City: Cidade da Praia. Country: Republic of Cabo Verde Telephone: +238 261 7584/+238 261 5939 Requests for clarification should be received by the Purchaser no later than: **January 31, 2025**

	Web page: *https://ugpe.gov.cv/*
	C. Preparation of Bids
ITB 18.1	The Bid shall be valid until: **June 16, 2025**
	D. Submission of Bids
ITB 21.2	For Bids submitted in closed envelope the Bidders shall submit: • One (1) original of the Bid. • One (1) copie. The Bidders shall submit one (1) USB device containing an electronic copy of the bid submission. The outer envelope shall clearly mark: "**DO NOT OPEN UNTIL FEBRUARY 14, 2025 AT 15 :30 (LOCAL TIME)** **"NÃO ABRIR ANTES DE 14 DE FEVEREIRO, 2025 ÁS 15H30 (HORA LOCAL)"**
ITB 22.1	For Bid submission in closed identified envelope, the Purchaser's address is: **Attention: Nuno Gomes** **Ministério das Finanças e do Fomento Empresarial;** **Unidade de Gestão de Projectos Especiais.** Av. Amílcar Cabral, Ex Edifício do BCV, 4º andar. PO Box 145, Plateau - City: Cidade da Praia, Republic of Cabo Verde **Bidders shall have the option of submitting their Bids electronically.** **Recommended: Bids sent by email must be with a password protection. Bidder must use different passwords for technical and financial proposals.** The electronic Bidding submission procedures shall be: For submission of bids, the Bidders have the option to submit the bids through the e-mail addresses indicated below with a password protection. Mr. Nuno Gomes – Coordinator UGPE – E-mail: nuno.gomes@mf.gov.cv. Mrs. Ailine Fernandes – Procurement Officer Email: Ailine.fernandes@mf.gov.cv Mrs. Edna Fernandes – Procurement Assistant Email: Edna.fernandes@mf.gov.cv Mrs. Karine Tavares – Procurement Assistant Email: Karine.tavares@mf.gov.cv. Bids protected with a password, the password must be received **until 15h00 local time of February 14, 2025** to the emails address: nuno.gomes@mf.gov.cv / Ailine.Fernandes@mf.gov.cv / Edna.fernandes@mf.gov.cv; /Karine.tavares@mf.gov.cv

	• The email shall mandatory and clearly marked "**Reference Number: RFB No: 028/HSP/UGPE – Acquisition of equipment for the Boavista Surgery Room:** ○ **Lot I - Medical Gases,** ○ **Lot II - Hospital Medical Equipment;** ○ **Lot IIIa - Gynaecology-Obstetrics Surgery Box;** ○ **Lot IIIb - Surgical instruments -Orthopedic Surgery;** ○ **Lot IIIc - Surgical instruments - Stomatological Surgery Box;** ○ **Lot IIId - Surgical instruments - General surgery;** ○ **Lot IV - Textiles and Sterilization Boxes.** • Technical and financial proposals must be sent in separate files, each one (i) clearly marked as Technical proposal, Financial proposal respectively and (ii) protected by a different password; • Bids sent by e-mail shall have an overall size until 9 MB or be sent through a link; • After receiving the results of the technical proposal, bidders will be asked (via email) to provide their financial proposal password. Please note that a bidder must use different passwords for technical and financial proposals. • The Employer reserves the right to declare the Bids as non-responsive if the printed Originals of Bid security is not received within that period. The Employer will not assume any responsibility: • For bids submitted through email address without password protection. • For not submission of password on within the deadline requested. Bids submitted through e-mail will be treated as Originals, the Purchaser reserve the right to request any documents as part of the evaluation process and the documents may be checked/requested by the Purchaser before contract award. UGPE will promptly acknowledge receipt of the bids submitted through email, still Bidders is strongly recommended to call to UGPE for confirmation of delivery at number: Unidade de Gestão de Projetos Especiais | Ministério das Finanças e do Fomento Empresarial - Tel: (+238) 261 7584 / 261 6198 **The deadline for Bid submission is:** **Date: February 14, 2025** **Time: 15h00 Cabo Verde Time.**

	E. Public Opening of Technical Parts of Bids
ITB 25.1	The Bid opening shall take place at: Ministério das Finanças e do Fomento Empresarial. Unidade de Gestão de Projectos Especiais. Av. Amílcar Cabral, Ex Edifício do BCV, 4º andar. PO Box 145, Plateau City: Cidade da Praia. Country: Republic of Cabo Verde **Date: February 14, 2025** **Time: 15h30 Cabo Verde Time.** The electronic Bid opening procedures shall be: **Yes, a link will be sent in due course, before the opening**
I. Evaluation of Financial Part of Bids	
ITB 36.1	The currency that shall be used for Bid evaluation and comparison purposes to convert (at the selling exchange rate) all Bid prices expressed in various currencies into a single currency is the **Cabo Verde Escudos (CVE).** The source of the exchange rate shall be the Central Bank of the Republic of Cabo Verde: http://www.bcv.cv The date for the exchange rate shall be*:* **Seven (07) days before the submission deadline date i.e. February 07, 2025**

All other terms and conditions of the RFB, which are not amended or modified by the provisions of this Amendment n#1 shall remain unchanged.

Nuno Gomes – UGPE Coordinator

Avenida Amilcar Cabral, Ex. Edifício do BCV, 4º Andar
CP nº 145, Plateau, Cidade da Praia - República de Cabo Verde
Tel: + 238 - 261 7584/261-6198
Nuno.gomes@mf.gov.CV

Section VII - Schedule of Requirements

1. List of Goods and Delivery Schedule

Line Item N°	Description of Goods	Quantity	Physical unit	Final (Project Site) Destination as specified in BDS	Delivery (as per Incoterms) Date		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [*to be provided by the Bidder*]
LOT I - MEDICAL GASES							
#1	MEDICAL AIR PLANT	1	Unit	**CIP – Cidade Sal Rei, Ilha de Boa Vista - República de Cabo Verde**	30 days following the date of effectiveness of the Contract	90 days following the date of effectiveness of the Contract	
	MEDICAL VACUUM PLANT	1	Unit				
	MEDICAL ANESTHETIC GAS SCAVENGING SYSTEM	1	Unit				
	MEDICAL OXYGEN MANIFOLD SYSTEM	1	Unit				
	MEDICAL NITROUS OXIDE MANIFOLD SYSTEM	1	Unit				
	SURGICAL AND ANESTHESIA PENDANTS						
	Pending Surgery	2	Units				
	Pending Anesthesia	2	Units				

3. Technical Specifications

LOTE I - MEDICAL GASES

MEDICAL AIR PLANT	
Submitted by:	Ministry of Health
Quantity	One (1)

GENERAL DESCRIPTION

Supply and installation of a set of equipment and accessories for the production of medicinal compressed air for the Boa Vista **Operation Theater** and **adjacent facilities**, , consisting of:

- Oil-free air compressors, **equipped** with control mechanisms for **alternating operation**, in compliance with international standards;
- Air treatment system and its air filtration components, namely dust, condensate, micro-organism and **activated** carbon filters;
- **Pressure** Storage tank equipped with **safety valves, drain valves,** and pressure gauges.

COMPRESSORS

- Three (3) oil-free air compressors, 4-5kW, 400V/3/50Hz, **designated as:**

- One (1) primary **compressor**;

- One (1) secondary **compressor**; and

- One (1) emergency **compressor**;

- Production capacity of approximately 24 Nm3/h;
- Maximum pressure: 8-10 bar;
- One (1) standard control and **command** panel, **featuring** with pressure-switch start **mechanisms**;
- **Operation:** Pendular, automatic, alternating and redundant, with corresponding control mechanisms.
- Supply and installation of air supply and hot air exhaust ducts;
- Supply and installation of ventilation grilles.

MEDICAL AIR TREATMENT SYSTEM

- Two (2) adsorption dryers with the capacity to **process and deliver medical-grade air for** two operating rooms, five recovery beds, and ten additional beds. **These dryers are designed to achieve the required** dew point **and are equipped with a time-controlled condensate drain valves**.
- Supply and installation of **filter cassettes for** air intake;
- Air filtration system of the same capacity consisting of a set of coalescing filters: dust

filter (1 micron), condensate separator, absolute filter less than 1 micron, antibacterial filter (0.01 micron) and activated carbon filter, ensuring **delivery of medical-grade air** under the following conditions:

- N2: Balance;
- O2: 20.4% to 21.4% v/v Oxygen;
- CO: 5 ppm max;
- CO2: 500 ppm max. v/v;
- SO2: 1 ppm max. v/v;
- NOX: 2 ppm max. v/v;
- Oils and solid particles: 0.1 mg/m max.
- Water vapor: 67 ppm max. v/v

AIR STORAGE TANK

- Two 500-liter **air storage tanks**, designed and equipped **to store** of compressed air**, incorporating safety devices for pressurized vessels**, **including:** safety valves; pressure gauges and pressure switches. Also equipped with adjustable and timed condensate drain valves. **Installation configuration:**
- One (1) **tank** installed before the air treatment systems for compression;
- One (1) **tank** installed for storing medical air **prior to distribution to** the piping network;
- **Tanks must be constructed from corrosion-resistant materials to ensure durability and compliance with operational standards.**

INSTALLATION AND COMMISSIONING

- Installation and assembly of all equipment, including:

- **Connection of the medical air plant to the copper medical air piping network in the plant room**;
- Installation of ducts and filtration components;
- Connection of electrical and alarm systems;
- **Testing and commissioning**, **including** ~~**and**~~ staff training.

PHYSICAL AND CHEMICAL FEATURES

- Easy- maintenance material and available components for at least 10 more years;
- Resistant to corrosion, water, detergent soap, 70% ethyl alcohol solution with or without nitrite and sodium hypochlorite, as well as their exposure to the island's climatic conditions despite the installation being inside a closed and ventilated structure;
- They should be modular and independently redundant to facilitate the maintenance with minimum downtime;
- Air intake must include a filter box to prevent the entry of dust and sand abundant in Boavista's environment.

REQUIRED DOCUMENTATION
• Instructions, maintenance and handling manuals provided in Portuguese and English; • List of devices and procedures for calibration and routine maintenance; • List of important spare parts and accessories, with their respective quantities and costs; • Calibration and inspection certificate; Contact details of the manufacturer, supplier and local service company
LIFESPAN
10 Years
SAFETY AND STANDARDS

Risk classification	Class A (GHTF Rule 4); Class II (USA); Class I (EU, Japan, Canada and Australia)
Certificates	FDA, CE or UL
International Standards	• ISO 7396-1 and 8573-1 of 2016 for the quality of medical gases production and distribution equipment; • ISO 13485:2016 Medical Devices -- Quality Management Systems; • ISO 14971:2019 Medical Devices – Application of Risk Management to Medical Devices.

MEDICAL VACUUM PLANT	
Submitted by:	Ministry of Health
Quantity	One (1)

GENERAL DESCRIPTION

Supply and installation of a set of equipment for the production of medical vacuum, consisting of:

1) Vacuum pumps, which can be of the rotary vane or screw type;

2) **Central control system**, sequential and redundant;

3) **Storage** Tank, **properly** equipped with **safety valves, condensate drain valves**, ~~purge~~ and pressure gauges;

4) Upstream and downstream filter set to prevent contamination.

VACUUM PUMP

- Three (3) vacuum pumps with staggered starts according to the flow rate required by the operating rooms, redundant, with automatic and mechanical functioning modes;
- Production capacity of 25 Nm3/h;
- Oil-free pumping systems;
- Standard control panel with vacuum switch start;
- Set of accessories, valves and safety devices for the correct functioning of the plant;
- Chain system with the advantage of reduced power consumption;
- Double filtration upstream and downstream.

STORAGE TANK

- Minimum capacity of 300 liters;
- Made of material resistant to corrosion caused by liquids and exposure to the island's weather conditions.

INSTALLATION AND COMMISSIONING

- Installation and assembly of all equipment, including

- **Connection of the medical vacuum plant to the existing cooper vacuum piping** network in the plant room;

- Installation of ducts and **filtration components**;

- Electrical connections and alarm systems;

- **Testing, commissioning, and** staff training.

FILTER SYSTEMS

- Set of duplex bacteriological filters, installed upstream and downstream, for the removal of microorganisms and/or any other type of contaminant, to promote the decontamination of the intake air and the protection of the pumps and the surrounding environment.

PHYSICAL AND CHEMICAL FEATURES

- Easy maintenance material and components available in the market for at least another 10 years;
- Resistant to corrosion, water, detergent soap, 70% ethyl alcohol solution with or without nitrite and sodium hypochlorite, as well as exposure to the climatic conditions of the island despite the installation being inside a closed but ventilated structure;
- They must be modular and self-contained, redundant for easy maintenance with minimal downtime;
- The exhaust system shall be raised to and in a position favorable to the prevailing wind.

REQUIRED DOCUMENTATION

- Instructions, maintenance and handling manuals provided in Portuguese and English;
- List of devices and procedures for calibration and routine maintenance;
- List of important spare parts and accessories, with their respective quantities and costs;
- Calibration and inspection certificate;
- Contact details of the manufacturer, supplier and local service company.

LIFESPAN

10 Years

SAFETY AND STANDARDS

Risk classification	Class A (GHTF Rule 4); Class II (USA); Class I (EU, Japan, Canada and Australia)
Certificates	FDA, CE or UL
International Standards	• ISO 7396-1 and 8573-1 of 2016 for the quality of medical gases production and distribution equipment; • ISO 13485:2016 Medical Devices -- Quality Management Systems; • ISO 14971:2019 Medical Devices – Application of Risk Management to Medical Devices.

MEDICAL ANESTHETIC GAS SCAVENGING SYSTEM	
Submitted by:	Ministry of Health
Quantity	One (1)

GENERAL DESCRIPTION

Supply and installation of a set of equipment and accessories for the **scavenging** of anesthetic gases from operating rooms and all other areas equipped with **nitrous** oxide **outlets**, consisting of:

- Suction pumps with control mechanisms to work in accordance with international standards;
- Filtration and suction collection system;
- Set of accessories, valves and safety devices.

TECHNICAL REQUIREMENTS

- Two (2) vacuum pumps with 0.2 kW electric motor, 400V/3/50Hz;
- Capacity: 50 Nm3/h;
- Connections and hoses for all electrical and hydraulic components;
- A standard command and control panel;
- One (1) protective filter;
- One (1) suction **collector**;
- Two (2) vessels for condensate collection;
- A complete set of accessories, valves and safety devices for correct operation.

INSTALLATION AND COMMISSIONING

- Installation and assembly of all equipment, including:

- **Connection of the AGSS** plant **to the existing cooper piping** network in the plant room;

- Installation of ducts and **filtration components**;

- Electrical connections and alarm systems;

- **Testing, commissioning, and** staff training

PHYSICAL AND CHEMICAL CHARACTERISTICS

- Easy maintenance material and components available in the market for at least another 10 years;
- Resistant to corrosion, water, detergent soap, 70% ethyl alcohol solution with or without nitrite and sodium hypochlorite, as well as exposure to the climatic conditions of the island despite the installation being inside a closed and ventilated structure;
- They must be modular and redundant independent for easy maintenance with minimal downtime;
- **The exhaust system shall be raised to and in a position favorable to the prevailing wind;**

REQUIRED DOCUMENTATION	
• User, service and maintenance manuals provided in Portuguese and English; • List of calibration devices and procedures and routine maintenance; • List of important spare parts and accessories, with their respective quantities and costs; • Calibration and inspection certificate; • Manufacturer, supplier and local service company contacts.	
LIFESPAN	
10 years	
SAFETY AND STANDARDS	
Risk classification	Class A (GHTF Rule 4); Class II (USA); Class I (EU, Japan, Canada and Australia)
Certificates	FDA, CE or UL
International Standards	• ISO 7396-1 and 8573-1 of 2016 for the quality of medical gases production and distribution equipment; • ISO 13485:2016 Medical Devices -- Quality Management Systems; ISO 14971:2019 Medical Devices – Application of Risk Management to Medical Devices.

MEDICAL OXYGEN MANIFOLD SYSTEM	
Submitted by:	Ministry of Health
Quantity	One (1)

GENERAL DESCRIPTION

Supply and installation of **an automatic medical oxygen manifold system** with all the accessories for the supply of medical oxygen in the **operating** rooms, pre-operative and post-operative **areas**, consisting of:

- Automatic **Control** Panel;
- High-pressure **banks** for **50L cylinders**;
- Alarm module;
- Set of accessories, valves and safety devices.

TECHNICAL REQUIREMENTS (2X3 cylinders)

- One (1) **Automatic Control** Panel;
- Two (2) **banks of 3 cylinders (cylinders not included), consisting of high-pressure header bar assemblies to facilitate the connection of primary and secondary cylinder supplies**;
- Six (6) **flexible copper tubes**;
- •Two (2) **3-cylinders** holders/racks;
- • One (1) alarm module;

TECHNICAL REQUIREMENTS (RESERVE)

- **One (1) third-source oxygen control panel for two cylinders**;
- one (1) **high-pressure bank of two cylinders**;
- two (2) **flexible copper tubes**;
- •One (1) **holder for 2 cylinders**.

INSTALLATION AND COMMISSIONING

- Installation and assembly of all equipment, including

- **Connection of the medical oxygen manifold system to the existing oxygen cooper piping in the manifold room**;

- Electrical connections and alarm systems;

- **Testing, commissioning, and** staff training.

PHYSICAL AND CHEMICAL CHARACTERISTICS

- Easy maintenance material and components available in the market for at least another 10 years;
- Resistant to corrosion, water, detergent soap, 70% ethyl alcohol solution with or without nitrite and sodium hypochlorite, as well as exposure to the climatic conditions of the island despite the installation being inside a closed and ventilated structure.

REQUIRED DOCUMENTATION	
• User, service and maintenance manuals provided in Portuguese and English; • List of calibration devices and procedures and routine maintenance; • List of important spare parts and accessories, with their respective quantities and costs; • Calibration and inspection certificate; Manufacturer, supplier and local service company contacts.	
LIFESPAN	
10 years	
SAFETY AND STANDARDS	
Risk classification	Class A (GHTF Rule 4); Class II (USA); Class I (EU, Japan, Canada and Australia)
Certificates	FDA, CE or UL
International Standards	• ISO 7396-1 and 8573-1 of 2016 for the quality of medical gases production and distribution equipment; • ISO 13485:2016 Medical Devices -- Quality Management Systems; ISO 14971:2019 Medical Devices – Application of Risk Management to Medical Devices.

MEDICAL NITROUS OXIDE MANIFOLD SYSTEM	
Submitted by:	Ministry of Health
Quantity	One (1)

GENERAL DESCRIPTION

Supply and installation of an **Automatic Medical Nitrous Oxide Manifold System** with all accessories and safety mechanisms, consisting of:

- Automatic **Control** Panel;
- High-pressure **banks** for **50L cylinders**;
- Alarm module;
- Set of accessories, valves and safety devices.

TECHNICAL REQUIREMENTS (2X1 CYLINDERS~~)~~

- One (1) **Automatic Control** Panel;
- Two (2) banks of **1 cylinder** (**cylinders** not included), **consisting of high-pressure header bar assemblies to facilitate the connection of primary and secondary cylinder supplies**;
- Two (2) **flexible** copper **tubes**;
- Two (2) 1-cylinder holders/racks;
- One (1) alarm module.

TECHNICAL REQUIREMENTS (RESERVE)

- One (1) third-**source nitrous oxide control panel** from one **cylinder** ~~bottle~~;
- One (1) **high-pressure bank of one cylinder**;
- One (1) **flexible copper tube**;
- One (1) **holder for 1 cylinders**.

INSTALLATION AND COMMISSIONING

- Installation and assembly of all equipment, including

- **Connection of the medical nitrous oxide manifold system to the existing nitrous oxide cooper piping in the manifold room**;

- Electrical connections and alarm systems;

- **Testing, commissioning, and** staff training

PHYSICAL AND CHEMICAL CHARACTERISTICS

- Easy maintenance material and components available in the market for at least another 10 years;
- Resistant to corrosion, water, detergent soap, 70% ethyl alcohol solution with or without nitrite and sodium hypochlorite, as well as exposure to the climatic conditions of the island despite the installation being inside a closed and ventilated structure.

REQUIRED DOCUMENTATION

• User, service and maintenance manuals provided in Portuguese and English; • List of calibration devices and procedures and routine maintenance; • List of important spare parts and accessories, with their respective quantities and costs; • Calibration and inspection certificate; • Manufacturer, supplier and local service company contacts.
LIFESPAN
10 years
SAFETY AND STANDARDS

Risk Rating	Class A (GHTF Rule 4); Class II (USA); Class I (EU, Japan, Canada and Australia)
Certificates	FDA, CE or UL
International Standards	• ISO 7396-1 and 8573-1 of 2016 for the quality of medical gases production and distribution equipment; • ISO 13485:2016 Medical Devices -- Quality Management Systems; ISO 14971:2019 Medical Devices – Application of Risk Management to Medical Devices.

SURGICAL-AND ANESTHESIA PENDANTS	
Submitted by:	Ministry of Health
Pending Surgery	Two (2)
Pending Anesthesia	Two (2)

GENERAL DESCRIPTION

Supply and installation of motorized pendants for surgery and anesthesia for the two operating rooms on the island of Boa Vista, consisting of:

- AFNOR medical gas and suction outlets;
- Pressure gauges, vacuum gauges;
- Normal and emergency electrical sockets;
- Telecommunications ports;
- Modules with drawers and shelves;
- Adjustable IV Poles;

Other accessories.

TECHNICAL REQUIREMENTS (SURGICAL PENDANT)

- One (1) 1-meter motorized single arm;
- One (1) control console;
- Two (2) oxygen outlets;
- Two (2) vacuum **outlets**;
- Two (2) medical air **outlets at 4 bar**;
- Two (2) technical air **outlets at** 8 bar;
- One (1) O2 Pressure Gauge;
- One (1) **medical air** pressure gauge **(4 bar);**
- One (1) **technical air** pressure gauge **(8 bar);**
- One (1) Vacuum **gauge**;
- One (1) drawer **storage** module;
- One (1) set of **standard** and emergency electrical outlets;
- Four (4) ground terminals;

TECHNICAL REQUIREMENTS (ANESTHESIA PENDANT

- One (1) 1-meter motorized single arm;
- One (1) control console;
- Two (2) Oxygen outlets;
- Two (2) vacuum **outlets**;

• Two (2) medical air **outlets**-at 4 bar; • Two (2) technical air **outlets**–at 8 bar; • Two (2) N2O outlets; • Two (2) active **AGSS outlets**; • One (1) O2 pressure gauge; • One (1) **medical air** pressure gauge **(4 bar);** • One (1) **technical air** pressure gauge **(8 bar);** • One (1) N2O pressure gauge; • One (1) vacuum gauge; • One (1) drawer **storage** module; • One (1) set of standard and emergency outlets; Four (4) ground terminals;
ACCESSORIES FOR PENDANTS
• Four (4) adjustable IV **poles**; • Four (4) shelves; • Four (4) baskets for instruments; • Two (2) monitor **supports**.
INSTALLATION AND COMMISSIONING
• Installation and assembly of all equipment, including - **Connection of the surgical and anesthesia pendants to the existing medical gases cooper piping within operating rooms**; - Electrical connections; - Alarm systems (If applicable); **-Testing, commissioning, and** staff training
PHYSICAL AND CHEMICAL CHARACTERISTICS
• Easy maintenance material and components available in the market for at least another 10 years; Resistant to corrosion, water, detergent soap, 70% ethyl alcohol solution with or without nitrite and sodium hypochlorite, as well as exposure to the climatic conditions of the island despite the installation being inside a closed and ventilated structure.
REQUIRED DOCUMENTATION
• User, service and maintenance manuals provided in Portuguese and English;

• List of calibration devices and procedures and routine maintenance; • List of important spare parts and accessories, with their respective quantities and costs; • Calibration and inspection certificate; • Manufacturer, supplier and local service company contacts.	
LIFESPAN	
10 years	
SAFETY AND STANDARDS	
Risk Classification	Class A (GHTF Rule 4); Class II (USA); Class I (EU, Japan, Canada and Australia)
Certificates	FDA, CE or UL
International Standards	• ISO 7396-1 and 8573-1 of 2016 for the quality of medical gases production and distribution equipment; • ISO 13485:2016 Medical Devices -- Quality Management Systems; ISO 14971:2019 Medical Devices – Application of Risk Management to Medical Devices.

Form of Bid-Securing Declaration

[The Bidder shall fill in this Form in accordance with the instructions indicated.]

Date: *[date (as day, month and year)]*
RFB No.: *[number of RFB process]*
Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[complete name of Purchaser]*

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for Bidding or submitting proposals in any contract with the Purchaser for the period of time specified in Section II – Bid Data Sheet if we are in breach of our obligation(s) under the Bid conditions, because we:

(a) have withdrawn our Bid prior to the expiry date of the Bid validity specified in the Letter of Bid or any extended date provided by us; or

(b) having been notified of the acceptance of our Bid by the Purchaser prior to the expiry date of the Bid validity in the Letter of Bid or any extended date provided by us, (i) fail or refuse to sign the Contract; or (ii) fail or refuse to furnish the Performance Security, if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiry date of the Bid validity.

Name of the Bidder*****_____

Name of the person duly authorized to sign the Bid on behalf of the Bidder******_____

Title of the person signing the Bid_____

Signature of the person named above_____

Date signed _____ day of _____, _____

*****: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

******: Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid
[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]