

**Independent Doctors Association Germany  
(IDA-G) East North Syria**

14.03.2022

**Reference: TEN-SYR-DEZ-2022-006**

**Name of the applicant:**

**Address of the applicant:**

**SUBJECT: Provide COVID19 Equipment for IDA warehouse in Kasra - NE Syria**

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Dear Mr/Ms,

Following your enquiry regarding the publication of the above-mentioned invitation to tender, please find enclosed the following documents, which constitute the tender dossier.

Any request for clarification must be received by Independent Doctors Association Germany in writing by the deadline specified in this document. Independent Doctors Association Germany will reply to all bidders.

Costs incurred by the bidder in preparing and submitting the tender proposals will not be reimbursed.

We look forward to receiving your proposal at the address specified in the Instructions to Bidders on **28 March 2022 at 15:00 PM (Iraqi time)**, as stated in the procurement notice.

If you decide not to submit a proposal, we would be grateful if you could inform us in writing, stating the reasons for your decision.

Yours sincerely,  
IDA Germany Team

**Call for Tender  
for  
“Provide COVID19 Equipment for IDA warehouse in Kasra -  
NE Syria”**

**Tender No.: TEN-SYR-DEZ-2022-006**

**14 March, 2022**

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## A - INSTRUCTIONS TO BIDDERS

- In submitting a tender, the bidder accepts in full and without restriction the special and general conditions governing this tender as the sole basis of this tendering procedure.
- The bidder accepts Independent Doctors Association General Terms and Conditions of Purchase by default, or will include its own Sales conditions in its offer.
- If the bidder wishes to point out restrictions to Independent Doctors Association Purchase Terms and Conditions, such reservations should be clearly explained in a letter included in the offer.
- Failure to submit a tender containing all the required information and documentation within the deadline specified may lead to the rejection of the tender.

### 1. Preamble

- Independent Doctors Association is committed to provide universal access to Health services for people hit by war, epidemics and natural disasters.
- Doctors Association is a non-governmental, non-political, non-religious, non-profit organisation.

### 2. Purpose of the Call for Tenders

- The purpose of this Call for Tenders is to provide COVID19 equipment for IDA warehouse in Kasra - NE Syria.
- The Call for Tenders aims at selecting reliable supplier(s).
- For this service, several suppliers can be awarded with a maximum of four.
- Each delivery will be triggered off by an External Order Form issued by Independent Doctors Association and will be submitted to the same conditions listed in the chapters below.
- Required Service should meet the technical descriptions (scope of works) that are detailed in Appendixes.

### 3. Call for Tenders Schedule:

	DATE	TIME*
Tender Publication	14.03.2022	9:30 AM (Iraqi time)
Deadline for request for any clarifications from Independent Doctors Association	17.03.2022	03:00 PM (Iraqi time)

Last date on which clarifications are issued by Independent Doctors Association	18.03.2022	03:00 PM (Iraqi time)
Deadline for submission of tenders (receiving date, not sending date)	28.03.2022	03:00 PM (Iraqi time)
Tender opening and first technical evaluation session by Independent Doctors Association	29.03.2022	TBD (Iraqi time)
Notification of award to the successful tenderer	TBD	TBD (Iraqi time)
Signature of the contract	TBD	TBD (Iraqi time)

\* All times are in the local time of Iraq.

- Please note all dates are provisional dates and Independent Doctors Association reserves the right to modify this schedule.
- Please note Independent Doctors Association reserves the right to pre-select some of the received offers, based upon the criteria listed in article 14 of the present document, to enter into a competitive dialogue with the shortlisted companies.
- IDA committee will conduct the supplier eligibility and evaluate the proposals based on the technical specifications offered.

#### 4. Questions and Clarifications

If Independent Doctors Association, either on its own initiative or in response to a request from a prospective bidder, provides additional information on the tender dossier, such information will be communicated simultaneously in writing to all the bidders.

- Bidders may **submit questions** in writing only (via email), no later than 17.03.2022 at 03:00 PM, specifying the publication reference and the tender title to the following e-mail address: **tenders@ida-de.org**
- The list of all questions and answers will be sent on 18.03.2022 at 03:00 pm to all suppliers who submit the intent to bid form.
- Any prospective tenderer seeking to arrange individual meetings with Independent Doctors Association during the tender period will be excluded from the tender procedure.

#### 5. Eligibility

Participation in tendering is open on equal terms to any natural and legal persons or company.

In any case, whatever the status of the participants to this call for tenders, applicants must comply with the following rules:

- Not involved in violation of human rights (Slavery, child labour, human trafficking)

- Not restricted to conduct business by any local, national and international legal bodies
- Not Involvement in a criminal organisation or any other illegal activity as established by a judgement, by the US Government, the EU, the UN or any other donor.

## **6. Instructions to submit an Offer**

### **6.1 - Response Format**

The tender shall consist of one original paper copy placed in a sealed non-identifiable envelope, with the words **“not to be opened before the tender opening session”** written in English or in Arabic.

This sealed non-identifiable envelope shall be titled:

Provide COVID19 equipment for IDA warehouse in Kasra - NE Syria

**Tender No.: TEN-SYR-DEZ-2022-006**

The tenders shall be submitted via email to [tender@ida-de.org](mailto:tender@ida-de.org) no later than the 28.03.2022, at 03:00 pm

Note: Late proposals will not be accepted, and will be returned to the Proponent or discarded. Also, all proposals will be irrevocable after the Call for Tenders closing date.

### **6.2 - Content of Tenders**

The Tenderer must provide sufficient information in the proposal to demonstrate compliance with the requirements set out in each section of this request for proposal. The proposal shall include, as a minimum:

1. “Supplier Questionnaire” duly completed. This questionnaire should be completed with all required information such as:
  - a. Proof of Company Registration in Syria and/or Iraq.
  - b. A formal proof of work authorization in NES Syria
  - c. The details of the names, address and contact telephone **of three (3) clients preferably INGOs for whom the same type of Supplies was provided in various and disperse geographic locations. Independent Doctors Association reserves the right to contact these references, without notifying the Tenderer.**
2. “Pricing Matrix” or detailed Price offer with explanatory notes if necessary. (Appendix 2)
3. Note that only budgets in US Dollars will be accepted. Signed and Stamped. Please provide clear technical offer in a separate file including all the catalogues, country of origin, warranties, manuals, etc.

4. “Independent Doctors Association’s code of conduct” filled and signed by the duly authorised person (Appendix 3).
5. Copy of the ID of the owner of the company.
6. Intent to Bid Form, signed and stamped (Appendix 5).

**Failure to provide all of the above and in the formats stipulated may result in disqualification of the Tenderer’s proposal.**

## **7. Call for Tender Process**

- Independent Doctors Association reserves the right to accept or reject any or all proposals and quotations at its sole discretion and to pursue or act further on any responses it considers advantageous. Independent Doctors Association does not bind itself to accept the lowest prices or any proposal. All proposals will be irrevocable after the Call for Tenders closing date.
- Independent Doctors Association reserves the right to select a shortlist of pre-selected suppliers, based on the criteria announced in paragraph 13 of the present document. Further discussions and competitive dialogue may then be conducted with the pre-selected suppliers.

## **8. Period of validity**

- Suppliers shall be bound by their tenders for a period of sixty (60) days minimum from the deadline for submission of tenders.
- However, the Prices and conditions defined in the framework signed with the selected supplier will be valid for twelve (12) months after framework signature.

## **9. Currency of tenders**

- Tenders must be presented in **USD**.

## **10. Language of offers and procedure**

The offers, all correspondence and documents related to the tender exchanged by the bidder and Independent Doctors Association must be written in English or Arabic.

## **11. Alteration or withdrawal of tenders**

- Bidders may alter or withdraw their tenders by written notification prior to the deadline for submission of tenders referred to in Article 3. No tender may be altered after this deadline. Withdrawals must be unconditional and will end all participation in the tender procedure.

## **12. Costs of preparing tenders**

- All costs incurred by the bidder in preparing and submitting the tender are not reimbursable. All such costs will be borne by the bidder.

## **13. Opening, evaluation of tenders and selection criteria**

- The opening and examination of tenders is for the purpose of checking whether the tenders are complete and whether the tenders are generally in order.
- The subsequent evaluation of the tenders shall be carried out in Erbil (Iraq) by an Evaluation Committee made up of representatives of Independent Doctors Association.

Tenders will be evaluated on the criteria listed below:

- Ability to meet the requirements of the Call for tenders
- Similar work experience
- Compliance with Independent Doctors Association terms and conditions
- Prices
- Delivery time
- Quality of the items according to the technical offer
- Reputation in NES area
- Demonstrable ability to perform all functions related to the scope within the time specified
- Bidders' references
- The quality of Bidders' product and service offering
- Value added services...etc.

In the interests of transparency and equal treatment and without being able to modify their tenders, bidders may be required, at the sole written request of the evaluation committee, to provide clarifications within 72 hours. Any such request for clarification must not seek the correction of formal errors or of major restrictions affecting performance of the contract or distorting competition.

Any attempt by a bidder to influence the evaluation committee in the process of examination, clarification, evaluation and comparison of tenders, to obtain information on how the procedure is progressing or to influence Independent Doctors Association in its decision concerning the award of the contract will result in the immediate rejection of his tender. No liability can be accepted for late delivery of tenders. Late tenders will be rejected and will not be evaluated.

IDA committee will conduct the supplier eligibility and will evaluate the proposals based on the technical specifications mentioned in the proposal (technical offer).



IDA committee may decide to visit the tenderers workplace and the tenderers offices to check the items quality physically.

In addition to the tender's technical offers, IDA committee may ask for some items samples to check the quality.

#### **14. Notification award and contract signature**

- The successful bidder(s) will be informed in writing that its tender has been accepted (notification of award). Independent Doctors Association will send the signed purchase documents in two original copies to the successful bidder.
- Within two (2) working days following the reception, the successful tenderer will sign, date and send back the framework agreement.
- If the successful tenderer fails to sign and send back the contract within two (2) working days, Independent Doctors Association can consider after notification the award as null and void.
- Before signature of the contract, Independent Doctors Association Germany will inspect the facilities and the teams of the selected tenderer that will be allocated for the works. Independent Doctors Association reserves the right to de-select the tenderer if the capacity is deemed not to be adequate or compatible with that stated in the tender file
- The unsuccessful tenderer(s) will be informed in written shortly after the award.

#### **15. Ownership of tenders**

- Independent Doctors Association retains ownership of all tenders received under this tender procedure. Consequently, bidders have no right to have their tenders returned to them.

#### **16. Contract**

- The agreement that will be concluded between the successful tenderer and Independent Doctors Association is done according to Independent Doctors Association Standard Framework Agreement. A framework agreement does not engage Independent Doctors Association to purchase any quantities for the duration of the framework agreement.
- In this contract, the successful tenderer will be referred to as “the supplier”.

#### **17. Cancellation of the tender procedure**

In the event of a tender procedure's cancellation, bidders will be notified by Independent Doctors Association.

If the tender procedure is cancelled before the outer envelope of any tender has been opened, the sealed envelopes will be returned, unopened, to the tenderers.

Cancellation may occur where:

1. The tender procedure has been unsuccessful, namely where no qualitatively or financially worthwhile tender has been received or there has been no response at all;
2. The economic or technical parameters of the project have been fundamentally altered;
3. Exceptional circumstances or *force majeure* render normal performance of the project impossible;
4. All technically compliant tenders exceed the financial resources available;
5. There have been irregularities in the procedure, in particular where these have prevented fair competition.

**Under no circumstances will Independent Doctors Association be liable for damages, whatever their nature (in particular damages for loss of profits) or relation with the cancellation of a tender, even if Independent Doctors Association has been warned of the possibility of damages.**

**The publication of a procurement notice does not commit Independent Doctors Association to implement the announced programme or project.**

## **18. Ethics**

- Independent Doctors Association pays very careful attention to working with companies that commit to respect basic Ethics Rules.
- The tenderers have to read and understand the code of conduct as defined by **Independent Doctors Association** and introduced in the Appendix 03 of this tender dossier. The tenderers will have to fill and sign it.

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## B- TECHNICAL and COMMERCIAL SPECIFICATIONS

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### 19. Technical description of the goods and the services

- The subject of the call for tender is to provide COVID19 equipment for IDA warehouse in Kasra - NE Syria.
- The interested suppliers are required to bid by the services mentioned below: (please see full specification in Appendix 4)

### 20. Delivery conditions

#### 20.1 Delivery date (or delivery plan)

- The delivery plan indicates the locations of the services to be executed will be provided by Independent Doctors Association and might cover any areas within primary health care facilities PHCs IN Deir ez-Zor-Syria.
- The delivery time should not exceed 2 weeks after signing the contract, and if the supplier can finish before this date, we will consider him to be the selected supplier after completing the other terms and be competitive with other offers.
- **Independent Doctors Association shall bear no responsibility over losses or damages of the procured products incurred during the performance period and before acceptance of said products. It is therefore up to the supplier to insure the products if necessary.**

#### 20.2 Documentation

Before each delivery, the supplier has to submit a copy of the delivery note and all the shipping documents detailed below BEFORE loading and shipping the goods, in order to get the formal agreement from Independent Doctors Association to deliver the goods and the services.

For every consignment, the supplier shall always send a delivery note. Delivery slips shall necessarily bear the Agreement Reference and / or Purchase order number, batch numbers, serial numbers if any, the full designation and quantities of the delivery.

Added to the delivery note, the selected supplier will also have to provide Independent Doctors Association with:

- a commercial invoice / Packing List

The Supplier commits to inform Independent Doctors Association of any constraint or specific regulation linked to the goods or service supply or to the country of importation

## **21. Quality of the product**

### **21.1 Quality Guarantee**

- The supplier bears the responsibility to verify and certify that the goods they supply are in keeping with the conditions applicable to them.
- The supplier commits to provide Independent Doctors Association with goods/ services that will not be subject to manufacturing defect, which have not been exposed to contamination or to anything causing premature wear.
- Any non-compliance will result in the refusal of the products.
- The quality required for the items are specified in Appendix 04.

### **21.2 Delivery inspection and acceptance of the delivery**

Independent Doctors Association representative will carry out the delivery inspection of the products.

The delivery inspection will take place in warehouse of the supplier or Independent Doctors Association warehouse or the required site of Implementation.

The objective of the delivery inspection will be to assess the compliance with the terms of contract of:

- The documentation provided by the supplier
- The quantity delivered/loaded/stored/Implemented.
- The quality of the product delivered/loaded/Implemented.

Independent Doctors Association representative will indicate any remarks or non-conformity of the products on the delivery note/Service completion note provided by the supplier. These remarks will be the ground for possible payment deductions. If the delivery inspection concludes that the delivery complies with the requirements of the contract, Independent Doctors Association will accept the products. Any non-compliance will result in the refusal of the products. Refer to article 22 for the conditions of replacement of non-conform products.

## **22. Non conformity of delivery**

### **22.1 Quality and condition**

Should the quality or the condition of the products not satisfy Independent Doctors Association requirements at the moment of the delivery inspection, Independent Doctors Association reserves the right to demand:

- That the items will be replaced by the supplier at his/her own expenses. The replacement will be executed as soon as possible, at latest within fifteen (15) calendar days from the discovery of the non-compliance. The replaced products will again be subject to the rules laid down in this agreement.
- or the cancellation of the order.

### **22.2 Quantity**

- Independent Doctors Association reserves the right to refuse any delivery in excess of the current agreement and to ship it back at the supplier's expense.
- In case Independent Doctors Association decides to accept the over-quantity, an acceptance comment will be clearly added on the delivery note, at the time of delivery.
- On the other hand, if any products are missing at the delivery, the missing quantity will be delivered as soon as possible, at latest seven (7) days after its discovery, at the expense of the supplier. The then delivered products will be subject to the rules laid down in this agreement.

### **22.3 Late Delivery**

- Due to the emergency and constraint triggered off by Independent Doctors Association specific humanitarian activities, the delivery dates are fixed and mandatory.
- The supplier has to notice Independent Doctors Association about any potential delay, as soon as he is aware of it, in order to anticipate and minimise the consequences.
- If no agreement can be found, and even if the supplier has informed Independent Doctors Association upfront, if the delay is solely the supplier's responsibility, penalties below will apply.
- In the event of the Supplier being late for delivering the products, a penalty of zero point five per cent (0.5%) of the total order amount for each day of delay shall be applied. These penalties do not apply in case of force majeure, or if the delay is the responsibility of Independent Doctors Association.
- If the daily delivery does not take place two weeks after the set delivery deadline, IDA has the right to void the contract and enforce a penalty for the supplier by 50 % of the contract value.

## **23. Invoicing & Payment**

### **23.1 Invoicing**

Payments will occur after acceptance of the products by Independent Doctors Association representative and upon the receiving of one original invoice issued by the supplier.

### **23.2 Payment**

- Payment will be done to the supplier either via Hawala transfer or Wire bank transfer from INDEPENDENT DOCTORS ASSOCIATION Germany in Erbil office. The currency of payment is USD.

- Payment schedule: the first payment will be after completing the works amount by within 30 days from the final delivery date and acceptance of the Implemented works.
- The supplier is allowed to mention his/her own payment conditions.
- In order to claim payments, the Service Provider must provide INDEPENDENT DOCTORS ASSOCIATION with the following documents for the services delivered:
  - o Invoice from the service provider.
  - o Works acceptance signed by Independent Doctors Association
  - o Receipt of payment once payment is received by the Service Provider.

## **Appendixes**

Appendix 01: Supplier Questionnaire

Appendix 02: Detailed Quotation Format

Appendix 03: Independent Doctors Association's code of conduct

Appendix 04: Quality and specification of the goods / services.

## Appendix 01: Supplier Questionnaire

Company Name:		
Company Address:		
Contact Name:		
Contact Position / title:		
Contact Details (Phone):		
Contact Details (Email):		
<b>Company Information:</b>		
1	Is your company registered in Iraq? <b>Please provide a copy of Registration.</b>	
2	Where is your company based?	
3	When was it registered?	
4	Is your company part of an international company?	
5	Do you have other offices / in the country? Where?	
6	How many employees does your company have? What is the main structure of your company? Please provide hierarchical scheme of the management staff in your company.	
7	Is your company:	<p>The manufacturer of the offered products:  <input type="checkbox"/> Yes      <input type="checkbox"/> No</p> <p>A reseller / distributor of the offered products:  <input type="checkbox"/> Yes      <input type="checkbox"/> No</p>
<b>Customer References:</b>		
8	Have you worked in the past with Independent Doctors Association (detail year and activity)?	



9	Please provide names and contacts of <b>3 customers (Humanitarian NGOs)</b> to whom you have recently provided the same kind of products services. Please provide some of your service contracts to prove your experiences.	1- 2- 3-
10	Please provide names and contacts of <b>3 customers (public or private companies)</b> to whom you have recently provided the same kind of services / products	1- 2- 3-
11	How many related works completion certificates can you provide?  <b><u>Please submit all duly signed versions</u></b>	
<b>Technical Capacity:</b>		
12	What is your core activity?	
13	What other products / services do you offer?	
14	Which products / services do you generally subcontract?	
15	Which products / services would you specifically subcontract in Independent Doctors Association project?	
16	What are the names and Registration numbers of the companies you would subcontract to?	
17	What is the delivery time? not exceed 2 weeks.	
18	Able to provide a certificate of origin for the goods provided Are you able to provide detailed catalogue for all the devices and the machines?	<input type="checkbox"/> Yes  <input type="checkbox"/> No

19	What is the warranty period you offer for the items (materials)? <u>(Minimum</u> 1 year)?	Warranty period for the items installed:
20	What is the warranty period you offer for the work done? ( <u>Maximum</u> 1 year)	Warranty period for the work:
<b>Financial Conditions:</b>		
21	What is the validity of your offer? (minimum 90 days):	
22	If you get awarded the agreement, will you offer fixed prices for 12 months? If not, for how many months?	
23	If not, what is the maximum price variation you can commit on (no more than 5% price increase, for instance)?	
24	Do you agree to receive the payment of each order within 30 days after the works completions? yes/no  If “no” please mention your own payments requirements	<input type="checkbox"/> Yes <input type="checkbox"/> No

## Appendix 02: DETAILED QUOTATION FORMAT

The tender consists of one lot:

**LOT1. Project summary:** Provide COVID19 equipment for IDA warehouse in Kasra - NE Syria.

The tenderers can submit their offers for:

Supplier: المزود	
Name, Position الاسم، المنصب	
Address العنوان	
Phone, fax الهاتف، الفاكس	
Email الايميل	

COVID19 equipment Specifications Annex 1 (BoQ)					
NO.	Item description	Unit	Qty	Est. Unit Price (USD)	Total Amount (USD)
1	Infrared thermometer	Piece	24		
2	Pulse oximeter - portable handheld, with cables and sensor	Piece	30		
3	Patient monitor, multiparametric, including EKG, non-invasive blood pressure (NIBP), oxygen saturation (SpO2), respiratory rate (RR), temperature (TEMP), with sensors and cables	Piece	5		
4	Concentrator O2, 10 L, with accessories and with Medical gas cylinder, portable, for oxygen, fitted with a valve and a pressure and flow regulator	Piece	14		
5	Oxygen tube, extension	Piece	12000		
6	Laryngoscope, FO, adylt /children with its blades set for adults and children	Piece	15		
7	Mask with reservoir bag	Piece	13		
8	Patient ventilator, intensive care, for adult and paediatric	Piece	3		

<b>9</b>	CPAP (ventilator)	Piece	5		
<b>10</b>	External defibrillator	Piece	2		
<b>11</b>	Electrocardiograph, portable with Conductive gel, container, and accessories	Piece	3		
<b>12</b>	Portable aspirator/ Suction system	Piece	11		
<b>13</b>	Dry sterilizer 115/110 L, with accessories (such CV, TR, CCI, TBE)	Piece	1		
<b>14</b>	Sphygmomanometer, with cuffs (adult/children)	Piece	50		
<b>15</b>	Stethoscope	Piece	60		
<b>16</b>	Intercostal catheter (ICC) / chest tube	Piece	3000		
TOTAL Amount in USD					

## Appendix 03: Independent Doctors Association Code of Conduct

### Vendor code of conduct

The Organization of Independent Doctors Association is a private, non-political, non-sectarian and non-profit organization that has been established to enter countries around the world. The organization's mission is to help people fight suffering, hunger and disease, and those crises that threaten the lives of vulnerable men, women and children.

To carry out its activities, Independent Doctors Association purchase supplies, services and businesses through vendors. Market provisions will be made available with regard to transparency of choice and equal opportunities as much as possible. However, due to the nature of its activities, Independent Doctors Association reserve the right to limit the publicity surrounding the selection process.

Vendors must respect the vendors' code of conduct at any stage of the relationship between the seller and independent physicians as such, any breach of the data below by the seller will result in the exclusion of future market terms and termination of existing contracts and relationships.

### Human rights and working conditions:

Independent Doctors Association expect suppliers to recognize, without discrimination, the right of workers to organize and defend their interests collectively, as well as to protect workers from any work or any form of discrimination related to the exercise of their right to

### القواعد السلوكية للبائعين

منظمة الأطباء المستقلين هي منظمة غير حكومية، خاصة، غير سياسية، غير طائفية ولا تتوخى الربح، تم تأسيسها للدخول في بلدان جميع أنحاء العالم. مهمة المنظمة هي مساعدة الأشخاص من خلال مكافحة المعاناة والجوع والمرض، وتلك الأزمات التي تهدد حياة الرجال والنساء والأطفال الضعفاء. للقيام بأنشطتها، تقوم الأطباء المستقلين بشراء اللوازم والخدمات والأعمال من خلال البائعين. ستتاح أحكام الأسواق فيما يتعلق بشفافية الاختيار والمساواة في الفرص قدر الإمكان. ومع ذلك، نظرًا لطبيعة أنشطتها، تحتفظ الأطباء المستقلين بالحق في الحد من الدعاية المحيطة بعملية الاختيار.

يجب أن يحترم البائعين القواعد السلوكية الخاصة بالبائعين في أي مرحلة من مراحل العلاقة بين البائع والأطباء المستقلين على هذا النحو، فإن أي خرق للبيانات أدناه من قبل البائع يؤدي إلى اقضاء أحكام السوق المستقبلية وإنهاء العقود والعلاقات القائمة.

### حقوق الإنسان وشروط العمل:

تتوقع الأطباء المستقلين من الموردين الاعتراف بحق العمال، دون تمييز، في تنظيم مصالحهم والدفاع عنها بشكل جماعي، وكذلك حماية العمال من أي عمل أو أي شكل من أشكال التمييز المتعلقة بممارسة حقهم في التنظيم والقيام بأنشطة النقابات والمفاوضة الجماعية. تتوقع الأطباء المستقلين من الموردين حظر العمل القسري أو الإجباري بجميع أشكاله.

organize and conduct union activities and collective bargaining.

Independent Doctors Association expect suppliers to ban forced or forced labor in all its forms.

Independent Doctors Association expect suppliers to ensure equal opportunities and treatment in relation to employment without discrimination on the basis of race, color, gender, religion, political opinion, national origin, social origin and other reasons that may be recognized by the law of the country or countries where the contract is executed.

Independent Doctors Association expect suppliers to create and maintain an environment, treat all employees with respect and do not use any threats of violence, verbal or psychological harassment or ill-treatment. No cruel, inhuman or coercive treatment of any kind is permitted, and no such treatment is permitted.

Independent Doctors Association expect suppliers and subcontractors to protect all persons from sexual abuse and exploitation, which means any actual abuse or attempt to abuse in the case of weakness or differential force, for sexual purposes, including, but not limited to, monetary, social or political gain through the sexual exploitation of the other. Similarly, the term "sexual assault" means physical intrusion or sexual contact with the body, either by force or under unequal or coercive circumstances.

Independent Doctors Association expect suppliers to ensure that wages are paid in legal currency, at regular intervals of no more than one month, in full and directly to the workers concerned. Wages, working hours and other working conditions

تتوقع الأطباء المستقلين من الموردين ضمان تكافؤ الفرص والمعاملة فيما يتعلق بالتوظيف دون تمييز على أساس العرق أو اللون أو الجنس أو الدين أو الرأي السياسي أو الأصل الوطني أو الأصل الاجتماعي وأسباب أخرى قد يعترف بها قانون البلد أو البلدان مكان تنفيذ العقد.

تتوقع الأطباء المستقلين من الموردين خلق بيئة والحفاظ عليها وتعامل مع جميع الموظفين باحترام ولا تستخدم أي تهديدات بالعنف أو المضايقة اللفظية أو النفسية أو سوء المعاملة. لا يُسمح بأي معاملة قاسية أو لا إنسانية أو قسرية من أي نوع ، ولا يسمح بالتهديد بأي معاملة من هذا القبيل.

تتوقع الأطباء المستقلين من الموردين والمقاولين الفرعيين حماية جميع الأشخاص من الاعتداء الجنسي والاستغلال الجنسي ، مما يعني أي إساءة فعلية أو محاولة للإعتداء في حالة الضعف أو القوة التفاضلية، لأغراض جنسية ، بما في ذلك ، على سبيل المثال لا الحصر ، تحقيق الربح النقدي أو الاجتماعي أو السياسي من خلال الاستغلال الجنسي للآخر. وبالمثل ، فإن مصطلح "الاعتداء الجنسي" يعني الاقتران الجسدي الفعلي أو الملامسة الجنسية للجسد، سواء بالقوة أو في ظل ظروف غير متكافئة أو قسرية.

تتوقع الأطباء المستقلين من الموردين ضمان دفع الأجور بالعملة القانونية، على فترات منتظمة لا تزيد عن شهر واحد، بالكامل وبشكل مباشر للعمال المعنيين. يجب ألا تقل الأجور وساعات العمل وظروف العمل الأخرى المقدمة من الموردين عن الظروف السائدة على المستوى المحلي (أي كما هو موضح في: (1) الاتفاقيات الجماعية التي تغطي نسبة كبيرة من أرباب العمل والعمال قرارات التحكيم ؛ أو (3) القوانين أو الأنظمة المعمول بها) ، لعمال صاحب العمل المختص في التجارة أو الصناعة المعنية في المنطقة التي يتم فيها تنفيذ العمل. تتوقع الأطباء المستقلين من الموردين تحديد وإدارة المواد الكيميائية وغيرها من المواد التي تهدد البيئة.

provided by suppliers must not be less than the prevailing conditions at the local level 1 (i.e. as described intercalative agreements covering a large proportion of employers and workers' decisions of arbitration, or ((3) applicable laws or regulations), for the work of the employer competent in the trade or industry concerned in the area where the work is carried out..

Independent Doctors Association expect suppliers to identify and manage chemicals and other environmentally threatening substances.

### Business practices

The supplier undertakes and guarantees that its subsidiary contractors will not engage in any direct or indirect activity of patents, develop, develop, produce, store, trade or manufacture weapons, including mines, firearms, chemical, biological and nuclear weapons.

Independent Doctors Association expect a moral obligation by suppliers, respect for local laws and not engage in any form of deviant practices, including extortion or bribery (understands if they gave a promise or benefit to an employee in order to carry out an act for or for them or to stop acting against the organization of Independent Doctors Association or institutions. Donor of financial interests( or fraud ((understood to have used or displayed false, incorrect or incomplete data or documents, or used the money in a misplaced or other purpose for which it was given), money laundering, bribery, financing of terrorism or other uses of any person or bodies that may be subject to sanctions.

The supplier and its subcontractors undertake and ensure that they do not

### الممارسات التجارية

يتعهد و يضمن المورد انّ مقاوليه الفرعيين لن يقوموا بأي نشاط مباشر كان او غير مباشر لبراءات الاختراع او تطويرها او انتاجها او تخزينها و المتاجرة او تصنيع السلاح بما في ذلك الألغام والأسلحة النارية والكيميائية والبيولوجية والنووية.

تتوقع الأطباء المستقلين التزام سلوكي أخلاقي من قبل الموردين واحترام القوانين المحلية وعدم الدخول في أي شكل من ممارسات الانحراف بما فيها طرق الابتزاز او تقديم الرشوة (تفهم و كأنها اعطى وعد او منفعة لموظف ما بهدف تنفيذ تصرف ما لاجله او لاجلها أو ان يتوقف عن تصرف ما يعود بالضرر بحق منظمة الأطباء المستقلين أو مؤسسات المانحة للمصالح المالية) او النصب (تفهم على أنه قام باستخدام أو عرض بيانات أو مستندات مزورة أو غير صحيحة أو غير كاملة، او استخدم الاموال في غير مكانها او لغير الهدف الذي اعطيت من اجله) او تبويض الاموال او الرشوة او تمويل الإرهاب او لاستعمالات اخرى لاي من الاشخاص او الهيئات التي قد تخضع للعقوبات . يتعهد و يكفل المورد و مقاوليه الفرعيين بعدم القيام بأي اعمال او انشطة قد تخل بالقانون.

تنظر منظمة الأطباء المستقلين من الموردين الى احترام جميع القوانين المتعلقة بحقوق الملكية الفكرية بما في ذلك الحماية من الإفصاح وبراءات الاختراع وحقوق النشر والعلامات التجارية.

تنظر منظمة الأطباء المستقلين من المورد أن يعلم عن أي موقف قد يشكل نزاع في المصالح ، وأن يبلغ اي فرد له صلة بها اذا ما كان مسؤول او موظف في هذه

carry out any actions or activities that may violate the law.

Independent Doctors Association considers the Supplier to respect for all intellectual property rights laws, including protection from disclosure, patents, copyrights and trademarks.

Independent Doctors Association considers the supplier to know about any situation that may constitute a dispute of interest, and to inform any individual associated with it if he or she is responsible or an employee of this organization or is committed to a contract with which it may have any interest in any kind of business with the supplier or any kind of economic association with the supplier.

Independent Doctors Association considers that it is not permissible to use the exchange of business compliments in order to gain an arbitrary competitive advantage in business relations and the sellers guarantee that any kind of gifts, bonuses or any courtesy of work is permissible under the rules and the law and that these types of exchanges do not conflict with the regulations and rules of Independent Doctors Association and conform to the practices and norms of the commercial market.

Independent Doctors Association hope from suppliers to apply the laws and regulations of their business, especially those related to international business, where appropriate.

Independent Doctors Association hope from suppliers to know and apply international laws on trade control, including laws on economic sanctions, customs control and export controls.

Independent Doctors Association expect suppliers to create and keep accurate

المنظمة او ملتزم معها بعقد ما قد يكون لها مصلحة من أي نوع في مجال الأعمال التجارية مع المورد أو أي نوع من الروابط الاقتصادية مع المورد.

تعتبر منظمة الأطباء المستقلين أنه لا يجوز استخدام تبادل لمجاملات الاعمال بهدف كسب ميزة تنافسية تعسفية في علاقات العمل و يضمن البائعون بأن أي نوع من الهدايا او العلاوات او أي مجاملة عمل هو جائز بموجب الاحكام والقانون و ان هذه الانواع من المبادلات لا تتعارض مع نظام وقواعد الأطباء المستقلين و تتوافق مع ممارسات واعراف السوق التجاري.

تأمل الأطباء المستقلين من الموردين ان يقوموا بتطبيق القوانين و القواعد الخاصة بأعمالهم و خصوصاً تلك التي تتعلق بالأعمال العالمية عند الاقتضاء.

تأمل الأطباء المستقلين من الموردين معرفة و تطبيق القوانين الدولية الخاصة بالرقابة على التجارة و بما فيها القوانين الخاصة بالعقوبات الاقتصادية و الرقابة الجمركية و ضوابط التصدير.

تتوقع الأطباء المستقلين من الموردين إنشاء سجلات دقيقة والاحتفاظ بها وعدم تغيير أي إدخال سجل لإخفاء أو تحريف المعاملة الأساسية التي تمثلها. يجب أن تمثل جميع السجلات التي يتم إجراؤها أو استلامها كدليل على معاملة تجارية، بصرف النظر عن شكلها، المعاملة أو الحدث الذي يتم توثيقه بشكل كامل وبدقة.

يجب على الموردين ألا يخرطوا في ممارسات تجارية غير عادلة مثل تحديد الأسعار أو تزوير العروض مع المنافسين. ويجب عليهم عدم تخصيص العملاء أو الأسواق مع المنافسين أو تبادل معلومات التسعير تتوقع الأطباء المستقلين من الموردين التزامهم بموجب القانون المحلي فيما يتعلق بالمساهمات الاجتماعية والمدفوعات الضريبية.

تتوقع الأطباء المستقلين من الموردين ألا يوظفوا: (أ) الأطفال الذين تقل أعمارهم عن 14 عامًا، أو عن الحد الأدنى لسن العمل المحدد، إذا كان أعلى من تلك السن، فبحسب العمر المسموح به بموجب قانون البلد أو البلدان الذي يتم تنفيذ المشروع به، أو سن نهاية التعليم الإلزامي في ذلك البلد أو البلدان؛ و (ب) الأشخاص الذين تقل أعمارهم عن 18 عامًا، بحكم طبيعته أو الظروف التي يتم فيه، من المحتمل أن يضر بصحة هؤلاء الأشخاص أو سلامتهم أو أخلاقهم.



<p>records and not change any log entry to hide or distort the underlying transaction they represent. All records that are made or received as evidence of a business transaction, regardless of their form, must represent the transaction or event that is fully and accurately documented. Suppliers should not engage in unfair business practices such as pricing or falsifying offers with competitors. They should not customize customers or markets with competitors or share pricing information</p> <p>Independent Doctors Association expect suppliers to comply under local law with respect to social contributions and taxpayment's.</p> <p>Independent Doctors Association expect suppliers not to employ: (a) children under the age of 14, or below the minimum working age, if they are above that age, according to the age permitted under the law of the country or countries in which the project is implemented, or the age of the end of compulsory education in that country or country; and b) persons under the age of 18, by nature or circumstances, are likely to harm the health, safety or morals of such persons..</p> <p>Independent Doctors Association expect suppliers to support, respect and protect internationally proclaimed human rights and ensure that they are not involved in human rights violations.</p> <p>Independent Doctors Association expect suppliers to refrain from complying with any regulations and support obligations on human trafficking and modern slavery. Examples include, but are not limited to, the ILO Protocol 2014 attached to the Forced Labor Convention, 1930, the Protection of Victims of Trafficking in</p>	<p>تتوقع الأطباء المستقلين من الموردين دعم واحترام وحماية حقوق الإنسان المعلنة دولياً وضمان عدم تورطهم في انتهاكات حقوق الإنسان.</p> <p>تتوقع الأطباء المستقلين من الموردين الامتناع عن الامتثال لأي لوائح والالتزامات الداعمة بشأن الاتجار بالبشر والعبودية الحديثة. وتشمل الأمثلة ، على سبيل المثال لا الحصر ، بروتوكول منظمة العمل الدولية لعام 2014 الملحق باتفاقية العمل القسري ، 1930 ، وقانون حماية ضحايا الاتجار بالأشخاص في الولايات المتحدة (بصيغته المعدلة) وقانون الرق المعاصر في المملكة المتحدة (بصيغته المعدلة)</p>
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Persons in the United States (as amended) and the Contemporary Slavery Act of the United Kingdom (as amended).

#### Health and Safety

Independent Doctors Association expect suppliers to ensure, as far as practicable, (a) workplaces, machinery, equipment and processes under their control are safe and without any health risk; (b) chemicals, physical and biological substances pose no health risk when appropriate protective measures are taken; and (c) where necessary, protective clothing and equipment are provided to prevent, as far as possible, the risk of accidents or adverse health effects.. Independent Doctors Association expect suppliers to exercise due diligence to ensure that their work products meet relevant national or international standards. Suppliers must have quality assurance processes to identify defects and implement corrective actions and to facilitate the delivery of a product that meets its quality or exceeds the requirements of the contract. You expect vendors to develop, implement and maintain appropriate methods and processes for their products to reduce the risk of counterfeit materials being introduced into products, there must be effective processes for detecting counterfeit materials, providing notice to counterfeit product recipients w from the product delivered.

#### Environmental and ethical

Independent Doctors Association expect suppliers of materials containing tantalum, tin, tungsten or gold to know where these minerals were extracted and to provide this content and source information to the

#### الصحة و السلامة

تتوقع الأطباء المستقلين من الموردين أن يضمنوا، قدر الإمكان عملياً: (أ) أماكن العمل والآلات والمعدات والعمليات الخاضعة لسيطرتها آمنة ودون أي خطر على الصحة ؛ (ب) أن تكون المواد الكيميائية والفيزيائية والبيولوجية لا تشكل أي خطر على الصحة عند اتخاذ تدابير الحماية المناسبة؛ و (ج) عند الضرورة ، يتم توفير ملابس واقية ومعدات للوقاية ، بقدر الإمكان، من خطر الحوادث أو الآثار الضارة بالصحة. تتوقع الأطباء المستقلين من الموردين توكي العناية الواجبة لضمان تلبية منتجات عملهم للمعايير الوطنية أو الدولية ذات الصلة. يجب أن يكون لدى الموردين عمليات لضمان الجودة لتحديد العيوب وتنفيذ الإجراءات التصحيحية ولتسهيل تسليم المنتج الذي تلبي جودته أو تتجاوز متطلبات العقد. تكما تتوقع من البائعين تطوير وتنفيذ وصيانة الطرق والعمليات المناسبة لمنتجاتهم لتقليل مخاطر إدخال المواد المزيفة في المنتجات، يجب أن تكون هناك عمليات فعالة للكشف عن المواد المقلدة ، وتقديم إشعار إلى مستلمي المنتج (المنتجات) المزيفة عند الضرورة ، واستبعادها من المنتج الذي تم تسليمه.

#### البيئية والأخلاقية

تتوقع الأطباء المستقلين من موردي المواد التي تحتوي على التنتالوم أو القصدير أو التنجستين أو الذهب معرفة من أين تم استخراج هذه المعادن وتقديم هذا المحتوى ومعلومات المصدر إلى عضو الأطباء المستقلين ذي الصلة إذا طلب ذلك.

relevant independent physician member if requested.

The supplier asserts and ensures that neither he nor any of the subcontractors violate any international environmental agreements or relevant national legislation. Independent Doctors Association expect suppliers to have an effective environmental policy and comply with legislation and regulations on environmental protection. It also expects them to mitigate or dispose of all types of waste, including water and energy, by modifying the production process, maintenance and facilities, replacing and maintaining materials, recycling and reusing materials, and taking initiatives to enhance environmental responsibility and sustainability.

Current, past or future with competitors. Suppliers will otherwise comply with all applicable antitrust and competition laws. Independent Doctors Association expect suppliers to handle sensitive information appropriately, including confidential, proprietary and personal information. The information should not be used for any purpose (advertising, advertising, etc.) other than the commercial purpose for which it was provided, unless there is prior authorization from Independent Doctors Association for the information. (All sensitive information provided during the working relationship must be dealt with by Independent Doctors Association in accordance with EU Judgement 2016/679 on Data Protection. Suppliers must protect confidential and proprietary information from others, including personal information, from unauthorized access, destruction, use, modification and disclosure through appropriate physical and

يؤكد المورد ويضمن أنه لا هو ولا أي من المقاولين الفرعيين ينتهكون أي اتفاقيات بيئية دولية أو التشريعات الوطنية ذات الصلة.

تتوقع الأطباء المستقلين أن يكون لدى الموردين سياسة بيئية فعالة وأن يمتثلوا للتشريعات و القواعد الخاصة بحماية البيئة. كما و انها تتوقع منهم التخفيف أو التخلص من جميع أنواع النفايات ، بما في ذلك المياه والطاقة عبر تعديل العملية الإنتاجية والصيانة والمرافق، واستبدال المواد والمحافظة عليها وإعادة التدوير وإعادة استخدام المواد؛ وعلى اتخاذ مبادرات لتعزيز المسؤولية البيئية والاستدامة الحالية أو السابقة أو المستقبلية مع المنافسين. سوف يمثل الموردون خلاف ذلك لجميع قوانين مكافحة الاحتكار والمنافسة المعمول بها.

تتوقع الأطباء المستقلين من الموردين التعامل مع المعلومات الحساسة بشكل مناسب، بما في ذلك المعلومات السرية والملكية والشخصية. يجب عدم استخدام المعلومات لأي غرض من الأغراض (الإعلان ، الدعاية ، وما شابه ذلك) بخلاف الغرض التجاري الذي تم توفيره من أجله ، ما لم يكن هناك إذن مسبق من الأطباء المستقلين للمعلومات.

يجب التعامل مع جميع المعلومات الحساسة المقدمة خلال علاقة العمل من قبل الأطباء المستقلين وفقاً لحكم الاتحاد الأوروبي رقم 2016/679 بشأن حماية البيانات. ويجب على الموردين حماية المعلومات السرية والمملوكة للآخرين ، بما في ذلك المعلومات الشخصية ، من الوصول غير المرخص والتدمير والاستخدام والتعديل والإفصاح من خلال الإجراءات الأمنية المادية والإلكترونية المناسبة. ويجب على الموردين الامتثال لجميع قوانين خصوصية البيانات المعمول بها. يجب على الموردين ضمان تمديد هذا الشرط ليشمل جميع المصادر الفرعية التي يتعاقدون معها أو يستخدمونها.

electronic security measures. Suppliers must comply with all applicable data privacy laws. Suppliers must ensure that this requirement is extended to all sub-sources they contract or use.

#### Code of Conduct and Violation Control

The provisions of the Code of Conduct provide the minimum standards expected from suppliers contracted with independent doctors. Independent Doctors Association expect suppliers to go beyond international and industrial best practices. It also expects suppliers to encourage and work with their suppliers and subcontractors to ensure that they also seek to meet these principles of conduct. It is recognized that access to certain standards set out in this code of conduct is dynamic rather than static and encourages independent suppliers to continually improve their working conditions accordingly. Independent Doctors Association require suppliers to report any deviation from this supplier code of conduct to the relevant independent physician supremo with a view to finding a solution between the supplier and the member. Independent Doctors Association expect suppliers to provide their employees with ways to raise legal or ethical issues or concerns without fear of retaliation. Suppliers are expected to take action to prevent, detect and correct any retaliatory measures.

I am the signer in below  
(name and  
adjective)\_\_\_\_\_ in  
The Company's  
name\_\_\_\_\_ I  
acknowledge that I understand the

#### مدونة قواعد السلوك ومراقبة المخالفات

توفر الأحكام المنصوص عليها في قواعد السلوك هذه المعايير الدنيا المتوقعة من الموردين المتعاقدين مع الأطباء المستقلين. تتوقع الأطباء المستقلين أن يتجاوز الموردون أفضل الممارسات الدولية والصناعية. تتوقع أيضاً أن يشجع الموردون مورديهم ومقاوليهم من الباطن ويعملوا معهم لضمان سعيهم أيضاً للوفاء بمبادئ قواعد السلوك هذه. من المسلم به أن الوصول إلى بعض المعايير المحددة في قواعد السلوك هذه عملية ديناميكية وليست ثابتة وتشجع الأطباء المستقلين الموردين على تحسين ظروف عملهم باستمرار وفقاً لذلك. تطلب الأطباء المستقلين من الموردين الإبلاغ عن أي خروج عن مدونة قواعد سلوك الموردين هذه إلى عضو الأطباء المستقلين ذي الصلة بهدف إيجاد حل بين المورد والعضو. تتوقع الأطباء المستقلين من الموردين تزويد موظفيهم بطرق لإثارة قضايا أو مخاوف قانونية أو أخلاقية دون خوف من الانتقام. من المتوقع أن يتخذ الموردون إجراءات لمنع وكشف وتصحيح أي إجراءات انتقامية.

أنا الموقع أدناه  
(الاسم والصفة)

بصفتي \_\_\_\_\_

أمثل (اسم الشركة)

أقرّ بأنني أفهم \_\_\_\_\_

<p>requirements of the above Code of Conduct for Sellers and undertake to comply with them in the course of my activities.</p> <p>Signed on date: _____</p> <p>Signature: _____</p>	<p>متطلبات قواعد السلوك المذكورة أعلاه للبائعين وأتعهد بالامتثال لها في سياق أنشطتي.</p> <p>تم التوقيع في تاريخ: _____</p> <p>التوقيع: _____</p>
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## Appendix 04: Scope of works for Master BOQs

Project summary: Provide COVID19 equipment for IDA warehouse in Kasra - NE Syria. The contractor shall provide the following materials with all necessary installation, connection and experimentation that guarantees the safety of the parts and confirms their quality:

COVID19 equipment Specifications Annex 1 (BoQ)						
NO.	Item description	Technical Specifications	Unit	Qty	Est. Unit Price (USD)	Total Amount (USD)
1	Infrared thermometer	<p>A hand-held, battery-powered, medical device designed to estimate the temperature of a site on the skin (e.g., axilla, forehead) by measurement of body infrared emissions at this particular point. × Measurement range at least from 30 at 43 degrees C° × Specified accuracy to be not higher than 0.3 degrees C° × High / low patient temperature display feature, preferable × Auto power off required after 1 minute × Must include indication of “out of range” measurement × Response time not higher than 2 seconds × Ready to use after switch-on in a time not higher than 5 seconds × IR spectral response 6,000 – 14,000 nm × Optimal measuring distance approximately 8 – 12 cm (4 – 6 inch) × Equipment factory calibrated and pre-set emissivity data for all skin types × Automatic self-test on switch-on × Video and/or audio alert/signal at least to the following cases: switch-on, ready-to-use and measurement completed. Powered by internal, rechargeable, replaceable battery. Battery to allow at least 5,000 measurements between charges.</p>	Piece	24		

		Battery charger to operate from input supply 110-220 V, 60-50 Hz $\pm 10\%$ (battery charger built-in or external).				
2	Pulse oximeter - portable handheld, with cables and sensor	<p>General technical requirements:</p> <p>SpO<sub>2</sub> and pulse rate monitor, with plethysmography waveform, for adults, children and neonates, for all skin pigmentations. Weight range for each patient category must be stated. Suitable for detection in low perfusion conditions</p> <p>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</p> <p>Automatic correction for movement and ambient light artefacts</p> <p>Design must enable use in demanding environments (e.g. shock, vibration)</p> <p>Capable of working with, and supplied with, adult, pediatric and neonatal reusable probes.</p> <p>Enclosure to have ingress protection level IPX2 or better.</p> <p>Overall device and probe weight &lt; 400 g.</p> <p>Suitable for cleaning and disinfection.</p> <p>Operational characteristics</p> <p>SpO<sub>2</sub> detection to include the range: 70–100%.</p> <p>SpO<sub>2</sub> resolution: 1% or less.</p> <p>SpO<sub>2</sub> accuracy (in the range at least 70–100%): within <math>\pm 2\%</math> under ideal conditions of use, and within <math>\pm 3\%</math> for all patients and perfusion/movement conditions.</p> <p>If equipment is capable of a wider SpO<sub>2</sub> detection range, the accuracy over that wider range shall be stated.</p> <p>Pulse rate detection to include the range: 30–240 bpm.</p> <p>Pulse rate resolution: 1 bpm or less.</p> <p>Pulse rate accuracy within <math>\pm 3</math> bpm.</p> <p>Data update period for valid data displayed <math>\leq 10</math> s.</p>	Piece	30		

		<p>Internal data storage for patient trends and event log (optional).</p> <p>Data interface, suitable for exporting data to external software (optional).</p> <p>Automatic power-off function enabling/disabling, to allow continuous monitoring use.</p> <p>Display parameters</p> <p>%SpO2</p> <p>Pulse rate</p> <p>Plethysmography waveform (and possibly other indicators of signal quality)</p> <p>Alarm messages</p> <p>Battery state indication.</p> <p>Alarms</p> <p>Visual and audible (preferred with volume control)</p> <ul style="list-style-type: none"> <li>× High/low SpO2, threshold set by user.</li> <li>× High/low Pulse rate, threshold set by user.</li> <li>× Sensor off or sensor failure</li> <li>× Low battery</li> <li>× Alarm override and temporary silencing function.</li> </ul> <p>Power supply and battery</p> <p>Operated by replaceable battery power supply, either rechargeable or single use. Devices that operate from rechargeable or both battery types will be preferred. External or built-in AC battery charger, if rechargeable type. Plug style as per local supply.</p> <p>Suitable for operation by battery and by mains power supply, if connected and/or recharging.</p> <p>Automatic switch between battery and mains powered modes, when recharging or in mains power failure.</p> <p>The display shall show which power source is in use.</p> <p>Running time on battery only <math>\geq 12</math> hours.</p>				
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		<p>Portability Portable, handheld.</p> <p>Accessories Carry case.</p> <p>To be supplied with reusable probes, adult, pediatric and neonatal sizes (depending on the intended use), recommended 2 or 3 probes of the needed type, probe cable length (including extender if supplied) &gt; 1 m.</p> <p>The catalogue shall include various sizes, fitting all patients, of clip and wrap-up (silicone, woven fabric, adhesive and other material/design) probes.</p> <p>Standards for the manufacturer Certified quality management system for medical devices (e.g. ISO 13485).</p> <p>Application of risk management to medical devices (e.g. ISO 14971).</p> <p>Regulatory approval /Free sales certificate (FSC) or certificate for exportation of medical device provided by the authority in manufacturing country.</p> <p><b>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</b> certification</p> <p>Proof of regulatory compliance, as appropriate, per the product's risk classification (e.g. Food and Drug Administration [FDA] and/or Conformité Européenne [CE]).</p> <p>Standards for the product performance Compliance to the following international standards or to regional or national equivalent, (including the technical tests for safety and performance from accredited laboratory or third party).</p> <p>Latest version recommended but compliance to previous standards versions could be accepted:</p>				
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		<p>× IEC 60601-1 Medical electrical equipment – Part 1: General requirements for basic safety and essential performance.</p> <p>× IEC 60601-1-2 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic compatibility – Requirements and tests.</p> <p>× ISO 80601-2-61 Medical electrical equipment – Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment.</p> <p>× ISO/IEEE 11073-10404 Health informatics – Personal health device communication – Part 10404: Device specialization – Pulse oximeter. Warranty 2 years recommended, at least 1-year mandatory. According to: COVID-19 Technical specifications for procurement of oxygen therapy and monitoring devices</p>				
3	Patient monitor, multiparametric, including EKG, non-invasive blood pressure (NIBP), oxygen saturation (SpO2), respiratory rate (RR), temperature (TEMP), with	<p>General technical requirements</p> <p>Advanced models are designed for continuous display of patient ECG, CO2, invasive blood pressure (IBP), non-invasive blood pressure (NIBP) and oxygen saturation (SpO2), respiratory rate (RR), heart rate (HR) and temperature (TEMP)</p> <p>Dynamic digital display that can show all active parameters.</p> <p>Unwanted parameters can be deselected from display.</p> <p>Operator can set audio-visual alarm levels for low or high levels of each parameter independently.</p>	Piece	5		

	sensors and cables	<p>Operates from mains voltage or from internal rechargeable battery. ECG patient connectors that are sterilizable and reusable are preferred. Hard copy printout of traces will not be required.</p> <p>Multichannel (up to 12 leads) ECG measurement and selectable display; an extra option for simple five-lead connection preferred.</p> <p>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</p> <p>Internal pump for cuff inflation for non-invasive blood pressure measurement, with over pressure protection. Temperature probe to be reusable, external skin contact type. Disinfection method must be explained. CO2 monitoring capabilities.</p> <p>Invasive blood pressure (IBP) monitoring capabilities.</p> <p>Automatic and programmable memory. Storage of continuous monitoring data. Trace signal velocity of at least 25 mm/s. LCD or TFT screen with:</p> <ul style="list-style-type: none"> <li>× analogue shape signals and numerical values visualization;</li> <li>× settable limits for the measured variables;</li> <li>× not less than 10" wide.</li> </ul> <p>Design must enable use in demanding environments (e.g. shock, vibration and free fall tests).</p> <p>Protections of all the functions against defibrillator discharges and electrosurgical units.</p> <p>Pace-maker detection.</p> <p>Data management functions (preferable).</p>				
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		<p>Capable of operating continuously in ambient temperature of 10–40 °C and relative humidity of 15–85% (90% preferable).</p> <p>Enclosure to have ingress protection level IPX1 or better.</p> <p>Displayed parameters</p> <p>Trend display of each parameter.</p> <p>Heart rate measurement range to be at least 30–250 bpm, with accuracy better than <math>\pm 5</math> bpm and minimum gradation 1 bpm.</p> <p>SpO2 measurement range at least 70–99 %, with accuracy better than <math>\pm 3\%</math> and minimum gradation 1%.</p> <p>Blood pressure monitoring range at least 30–270 mmHg, minimum gradation 1 mmHg. Cuff sizes neonatal/paediatric and adult. User selectable measurement intervals.</p> <p>Temperature range at least 30–40 °C, minimum gradation 0.1 °C.</p> <p>Respiration rate measurement range at least 0–100 bpm, minimum gradation 1 bpm.</p> <p>Alarms</p> <p>Alarm override and temporary silence facility to be included.</p> <p>Audio-visual alarms required:</p> <ul style="list-style-type: none"> <li>× high and low levels for each parameter (operator variable settings),</li> <li>× sensor/wire/probe disconnected,</li> <li>× low battery,</li> <li>× cuff leak, cuff disconnect,</li> <li>× hose leak,</li> <li>× inflation/deflation errors,</li> <li>× failure to take successful reading,</li> <li>× low battery notice.</li> </ul> <p>Power failure.</p>				
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		<p>Consumables</p> <p>ECG electrodes (if applicable)</p> <p>Accessories</p> <p>All the cables, sensors and connectors needed for full monitor functionality are to be included in the bid.</p> <p>Lead ECG cable</p> <p>Lead ECG cable (if option offered)</p> <p>Sets of ECG connection electrodes (if reusable type)</p> <p>Tubes electrode gel (if required)</p> <p>Reusable SpO2 probes adult</p> <p>Reusable SpO2 probes paediatric use</p> <p>Blood pressure – non-invasive: paediatric reusable cuffs and adult reusable cuffs.</p> <p>23</p> <p>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</p> <p>Blood pressure – invasive: 1 sensor for each channel offered.</p> <p>External skin temperature probes</p> <p>If CO2 mainstream technology: tube adapter and sensor.</p> <p>If CO2 side stream technology: sample lines and water tramps.</p> <p>Battery</p> <p>Spare parts</p> <p>1-year spare parts kit as per preventive maintenance program including but not exclusively, sets of spare fuses (if non-resettable fuses used) and battery.</p> <p>Power supply and battery</p> <p>Operated by line electrical power supply with internal replaceable rechargeable battery backup allows operation for at least 1 hour in the event of power failure.</p> <p>Operates from AC power electric line: 100–240 V~/50–60 Hz.</p> <p>Main power cable and plug adapted for various countries.</p> <p>Mains power cable length <math>\geq 2.5</math> m.</p> <p>Protections against over-voltage and over-current line conditions.</p>				
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		<p>Protection against defibrillator discharges and electrosurgical units. Automatic switch between battery and mains powered modes, when recharging or in mains power failure. The display shall show which power source is in use. Compliance with electrical standards and regulations.</p> <p>Standards for the manufacturer Certified quality management system for medical devices (e.g. ISO 13485). Application of risk management to medical devices (e.g. ISO 14971). Regulatory approval / certification</p> <p>Free sales certificate (FSC) or certificate for exportation of medical device provided by the authority in manufacturing country. Proof of regulatory compliance, as appropriate, per the product's risk classification (e.g. Food and Drug Administration [FDA] and/or Conformité Européenne [CE]).</p> <p>Standards for the product performance Compliance to the following international standards or to regional or national equivalent, (including the technical tests for safety and performance from accredited laboratory or third party). Latest version recommended but compliance to previous standards versions could be accepted:</p> <ul style="list-style-type: none"> <li>× IEC 60601-1 Medical electrical equipment – Part 1: General requirements for basic safety and essential performance.</li> <li>× IEC 80601-2-49 Medical electrical equipment – Part 2-49: Particular requirements for the basic safety and essential performance of multifunction</li> </ul>				
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		<p>patient monitoring equipment.</p> <p>× IEC 80601-2-30 Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometer.</p> <p>× IEC 60601-2-34 Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment).</p> <p>× ISO 80601-2-55 Particular requirements for the basic safety and essential performance of respiratory gas monitors).</p> <p>× ISO 80601-2-61 Medical electrical equipment – Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment.</p> <p>× IEC 60601-2-27 Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment.</p> <p>Preferable if tested for:</p> <p>× IEC 62366-1 Medical devices – Part 1: Application of usability engineering to medical devices.</p> <p>× IEC 60068-1:2013 Environmental testing – Part 1: General and guidance.</p> <p>× IEC 60068-2-31 Environmental testing – Part 2-31: Tests: Rough handling shocks, primarily for equipment-type specimens.</p> <p>Warranty</p> <p>2 years with regards efficiency and quality of the product (software upgrades included).</p>				
4	Concentrator O2, 10 L, with accessories and with Medical gas cylinder, portable, for oxygen,	<p>General technical requirements</p> <p>Provides a continuous flow of concentrated oxygen (&gt; 82%) (preferably &gt; 90%) from room air through one oxygen outlet.</p> <p>Continuous flow up to 5 L/min or 8 L/min or 10 L/min.</p> <p>Contains oxygen monitor to verify</p>	Piece	14		

	fitted with a valve and a pressure and flow regulator	<p>concentration.</p> <p>Requires continuous AC power source to operate.</p> <p>Power efficiency <math>\leq 70</math> W/L/min (preferable).</p> <p>User interface to be easy to operate; numbers and displays clearly visible and easily readable in low ambient light and sunlight.</p> <p>Digital or analogue meter that displays cumulative hours of device operation.</p> <p>Oxygen outlet(s) with 6 mm (1/4 inch) barbed fitting or equivalent.</p> <p>Oxygen outlet to be securely mounted and sheltered to reduce risk of being broken or bent.</p> <p>Flowmeter minimum flow rate of 0.5 L/min or less. Flowmeter adjustable, within minimum gradation intervals of 0.5 L/min for 5 L/min models, and 1 L/min for larger models.</p> <p><b>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</b></p> <p>Noise level &lt; 60 dB(A).</p> <p>Capable to be disinfected with hospital grade detergents.</p> <p>At least IP11 degree of protection to the harmful ingress of water (fluid spill resistance), preferable up to IP21.</p> <p>Mechanical shock resistance, mechanical vibration, electromagnetic compatibility and electrical safety testing.</p> <p>Capable of supplying the specified oxygen concentration continuously in ambient temperature from 10–40 °C, relative humidity from 15–85% (preferably up to 95%), and elevation from 0 to at least 2000 m. For operation at elevations higher than 2000 m, environmental requirements are less stringent; performance characteristics at</p>				
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		<p>such altitudes must be stated.</p> <p>Displayed parameters</p> <p>Oxygen flow rate (on flowmeter).</p> <p>Cumulative hours of operation.</p> <p>User adjustable settings</p> <p>Oxygen flow rate.</p> <p>Alarms</p> <p>Audible and/or visual alarms for:</p> <ul style="list-style-type: none"> <li>× Low oxygen concentration</li> <li>× Power supply failure.</li> <li>× High temperature.</li> <li>× Low battery (preferable).</li> <li>× Low high/no flow (preferable).</li> <li>× Low/high output pressure.</li> </ul> <p>Accessories</p> <p>DISS and 6 mm barbed adaptor for each outlet (interchangeable between devices of different brands and models) (if applicable): 1 package of 20 per equipment.</p> <p>Humidifier included, bubble and non-heated, single use is preferred (3 months' supply required). Reusable may be acceptable with appropriate disinfection protocols.</p> <p>Spare parts</p> <p>1-year spare parts kit as per preventive maintenance program. Including:</p> <ul style="list-style-type: none"> <li>× Internal and external mounted filters for cleaning the air intake.</li> <li>× Spare battery set for alarm system (if applicable).</li> <li>× Spare mains power cable length <math>\geq 2.5</math> m (if applicable).</li> <li>× Replacement sets of spare fuses (if non-resettable fuses are used).</li> <li>× Sieve beds.</li> </ul> <p>Bidder must give a complete list of the specific spare parts included in their bid.</p> <p>Other spares that may be needed: circuit breaker, printed circuit board, sieve beds, compressor service kit, valves, wheels, motor capacitor,</p>				
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		<p>flowmeters and fan.</p> <p>Portability</p> <p>Whole unit to be movable with wheels on at least two castors.</p> <p>Unit weight to be &lt; 27 kg.</p> <p>Power supply and battery</p> <p>Equipment must be connected to a reliable and continuous source of energy.</p> <p>Operates from AC power electric line: 100–240 V/50–60 Hz.</p> <p>Main power cable and plug adapted for various countries.</p> <p>Mains power cable length <math>\geq</math> 2.5 m.</p> <p>Electrical protection by resettable circuit breakers or replaceable fuses, fitted in both neutral and live lines. Single fuse in live line may be considered but is less preferable.</p> <p>Standards for the manufacturer</p> <p>Certified quality management system for medical devices (e.g. ISO 13485).</p> <p>Application of risk management to medical devices (e.g. ISO 14971).</p> <p>Regulatory approval / certification</p> <p>Free sales certificate (FSC) or certificate for exportation of medical device provided by the authority in manufacturing country.</p> <p>Proof of regulatory compliance, as appropriate, per the product's risk classification (e.g. Food and Drug Administration [FDA] and/or Conformité Européenne [CE]).</p> <p>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</p> <p>Standards for the product performance</p> <p>Compliance to the following international standards or to regional or national equivalent, (including the technical tests for safety and</p>				
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		<p>performance from accredited laboratory or third party). Latest version recommended but compliance to previous standards versions could be accepted:</p> <ul style="list-style-type: none"> <li>× ISO 80601-2-69:2014 Medical electrical equipment – Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment.</li> <li>× IEC 60601-1:2012 Medical electrical equipment – Part 1: General requirements for basic safety and essential performance.</li> <li>× IEC 60601-1-2:2014 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic disturbances – Requirements and tests.</li> <li>× IEC 60601-1-6:2013 Medical electrical equipment – Part 1-6: General requirements for basic safety and essential performance – Collateral standard: Usability.</li> <li>× IEC 60601-1-8:2012 Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems.</li> <li>× IEC 60601-1-9:2013 Medical electrical equipment – Part 1-9: General requirements for basic safety and essential performance – Collateral standard: Requirements for environmentally conscious design.</li> <li>× IEC 60601-1-11:2010 Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral</li> </ul>				
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		<p>standard: Requirements for medical electrical equipment and medical electrical systems used in the home health-care environment.</p> <p>× Compliance with ISO 8359 may be considered.</p> <p>Warranty</p> <p>Minimum 2 years.</p>				
5	Oxygen tube, extension	<p>Tube used to deliver oxygen through the nose. × Material: PVC. × Automatic, open distal (patient) end, with 6 to 12 lateral eyes. × Proximal end with connector enabling the tube to be connected to an oxygen supply tube of any diameter (e.g. Serrated male conical tip). × Sterile, for single patient use. × Diameter: CH 10. Length: 40cm. × Shelf life: minimum 10 years. × Bag and hands should be white color.</p>	Piece	12000		
6	Laryngoscope, FO, adult/children with its blades set for adults and children	<p>A hand-held device (i.e., non-endoscopic rigid type) intended to be used by anesthesia/emergency service personnel to manipulate the tongue, preventing it from obstructing the oropharynx and enabling a clear view of the trachea for the insertion of an endotracheal (ET) tube prior to the delivery of inhalation anesthesia and/or ventilation.</p> <p>× Handle is 28 mm diameter and battery powered with two standard alkaline dry cell batteries (1.5 V, type C (LR14)).</p> <p>× Large hollow, cylindrical, slightly ribbed handle.</p> <p>× Handle made of either chromium-plated or stainless steel.</p> <p>× Stud contact, fitting various sizes and types of blades.</p> <p>× Include Macintosh and Miller type blades, as described in "Set of laryngoscope blades".</p> <p>Complies with ISO 7376:2009 or equivalent.</p> <p>Set of laryngoscope blades:</p>	Piece	15		

		Macintosh type (curved): × Curved Nr 2, length 90 - 110 mm, for child. × Curved Nr 3, length 110 - 135 mm, for small adult. × Curved Nr 4, length 135 - 155 mm, for adult. Miller type (straight): × Straight Nr 1, length approx. 100 mm.				
7	Mask with reservoir bag	Non-rebreather mask with reservoir bag, used to deliver medical oxygen directly to the upper airway of the patient. Non-sterile, single use. × It includes two unidirectional valves, one that closes during inspiration to prevent room air mixing with oxygen in a reservoir bag; and one that closes during exhalation to prevent exhaled respiratory gases from entering the reservoir bag (non-rebreathing oxygen face mask). × Mask is soft, transparent, well-fitting molded, with two side vents. × The nose clip is soft, malleable and adjustable. × The tubing (oxygen line) is non-kinking, well-fitted. × Tubing compatibility with standard oxygen connection tubing, 3–5 mm internal diameter and 7–8 mm external diameter, and 15/22 mm diameter ventilation tubing; available with "standard" and "universal" hose end connector. × Individually packed. Sizes: × Adult. × Pediatric: tube length: 1.5–2 m. Material: × Mask and tubing PVC or other material, FDA Title 21/USP VI compliant and certified for medical use, hardness > 60 Shore A (ASTM D-2240). Standards for product performance: × ISO 11712:2009 Anesthetic and respiratory equipment – Supralaryngeal airways and connectors. × ISO 15001 Anesthetic and respiratory equipment – Compatibility with oxygen. × ISO 18562 Biocompatibility evaluation of breathing gas pathways in healthcare applications. × ISO 18190 Anesthetic and respiratory equipment – General	Piece	13		

		<p>requirements for airways and related equipment. × ISO 18562-1</p> <p>Biocompatibility evaluation of breathing gas pathways in healthcare applications</p> <p>Part 1: Evaluation and testing within a risk management process. × ISO/DIS 23368 Anesthetic and respiratory equipment – Low flow nasal cannula for oxygen therapy. × ISO/DIS 17256 Anesthetic and respiratory equipment – Respiratory therapy tubing and connectors. × ISO 15223-1 Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements.</p>				
8	Patient ventilator, intensive care, for adult and paediatric	<p>General technical requirements</p> <p>Medical oxygen and air high-pressure input ports (&gt; 35 psi [2.4bar]) provide a means to limit reverse gas flowrate (leakage). Each high-pressure input port with a filter and water trap, if applicable, for air input port. Medical air compressor or turbine in-built preferred, alternatively external air compressor. Possibility for using external low-pressure oxygen (approx. 20 psi), as source (preferable). Mechanical safety valve. Internal function testing/leak testing. At least IP21 degree of protection to the harmful ingress of water (fluid spill resistance).</p> <p>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</p> <p>Mechanical shock resistance, mechanical vibration, electromagnetic compatibility and electrical safety testing. Compatible active humidifying system. Event log for errors traceability (preferable). Operating temperature and humidity 5–40 °C and 0–95% relative humidity (RH). Storage temperature and</p>	Piece	3		

		<p>humidity -20–60 °C, 0–95% RH.</p> <p>Ventilation modes Pressure control ventilation (PCV). Volume control ventilation (VCV). Pressure support ventilation (PSV). Synchronized intermittent mandatory ventilation (SIMV) (preferable). Pressure regulated volume control (PRVC) or similar (preferable). Non-invasive ventilation (CPAP or BiPAP). Monitored and controlled parameters (by user) FiO<sub>2</sub>: 21–100%. Tidal volume: 20–1500 mL. Pressure setting: 0–40 cmH<sub>2</sub>O. I:E ratio. I:E inverse ratio. RR: 10–60 breaths/min, minimum. Inspiratory pause manoeuvre capability to measure plateau pressure. Adjustable peak pressure limitation/pressure-cycling mechanism above measured peak pressure. Internal PEEP capability/range: 0–20 cmH<sub>2</sub>O, minimum. Displayed parameters (color and graphic are preferable) Display easily readable in low ambient light and sunlight. 3 scalar waveforms: pressure, volume and flow (preferable). Loop (axis) displays: pressure-volume, flow-volume and pressure-flow (preferable). Status indicators for ventilator mode, battery status, patient data, alarm settings. FiO<sub>2</sub>. Airway pressures (peak, plateau mean and PEEP). Tidal volume (expired and inspired preferable). Minute volume (inspired and expired). I:E ratio. RR (spontaneous and mechanical). End-tidal CO<sub>2</sub>. Alarms, related to gas delivered Adjustable, visual and audible: × High/low FiO<sub>2</sub>. × High/low inspiratory pressure and PEEP. × High/low tidal volume (not achieved or exceeded). × Apnea. × High/low RR. × Continuously high pressure/occlusion. × Breathing circuit disconnects. × Low minute volume. Alarms, related to</p>				
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		<p>equipment operation Adjustable, visual and audible: × Gas supply failure. × Power failure. × Low battery. × Self-diagnostics failure alarm. Consumables, single use Breathing circuits: double-limb with standard outlet/inlet connectors with 22 mm outside diameter. Viral/bacterial filters 99.99% efficiency minimum; inspiratory and expiratory, as applicable.</p> <p>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</p> <p>Accessories, reusable Breathing circuits: double-limb with standard outlet/inlet connectors with 22 mm outside diameter. Expiratory housing with in-built bacteria filters; as well as the possibility to accommodate heat moisture exchangers (HMEs). Exhalation valve. CO2 sensors. Active humidifier with relevant connectors. Air compressor if external to the unit. Standard hoses and connectors (i.e. DISS/NIST as applicable for the country) for oxygen and medical air wall outlets and cylinders. Pressure regulators (from wall outlet to ventilator) to avoid damaging ventilator. As required to operate. Spare parts 1-year's spare parts kit as per preventive maintenance program (preferable) Portability Mounting tray and support stand (cart for transport with at least 2 castors fitted with breaks). Power supply and battery Operates from AC power electric line: 100–240 V AC ±10% / 50–60 Hz ±10% of nominal value. In-built rechargeable battery. Automatic switch from AC power electric-line mode to battery operating mode and vice versa. Continuous in battery operating mode with standard ventilation not less than 1</p>				
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		<p>hour. Total re-charging time not greater than 6 hours. Equipment must be connected to a reliable and continuous source of energy. Standards for the manufacturer Certified quality management system for medical devices (e.g. ISO 13485). Application of risk management to medical devices (e.g. ISO 14971). Regulatory approval / certification Free sales certificate (FSC) or certificate for exportation of medical device provided by the authority in manufacturing country. Proof of regulatory compliance, as appropriate, per the product's risk classification (e.g. Food and Drug Administration [FDA] and/or Conformité Européenne [CE]). Standards for the product performance Compliance to the following international standards or to regional or national equivalent, (including the technical tests for safety and performance from accredited laboratory or third party). Latest version recommended but compliance to previous standards versions could be accepted: × IEC 60601-1:2005 Medical electrical equipment - Part 1: General requirements for basic safety and essential performance. × IEC 60601-1-2:2014 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic compatibility – Requirements and tests. × ISO 80601-2-12:2020 Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators. × ISO 80601-2-74:2017 Medical electrical equipment – Part 2-74: Particular requirements for basic safety and essential performance of</p>				
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		<p>respiratory humidifying equipment. × ISO 80601-2-79:2018 Medical electrical equipment – Part 2-79: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory impairment. × ISO 18562-1:2017 Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 1: Evaluation and testing within a risk management process (if applicable). × ISO 20789:2018 Anesthetic and respiratory equipment – Passive humidifiers (if applicable). Warranty Minimum 2 years.</p> <p>with breathing circuits and patient interface with internal air compressor, with its sets of Filters, heat and moisture exchanger (HMEF), high efficiency, with connectors, for adult and paediatric, single use</p>				
9	CPAP (ventilator)	<p>General requirements</p> <p>Maintains continuous positive pressure in airway.</p> <p>Easy to operate user interface, numbers and displays to be clearly visible.</p> <p>Leakage compensation capability (preferable).</p> <p>In-built air compressor or turbine.</p> <p>Oxygen inlet.</p> <p>Capability to connect to an active humidifier system (preferable).</p> <p>Noise level &lt; 35 dB at mid pressure range.</p> <p>Expiratory relief features that reduce the pressure slightly at the end of each breath to make it easier for the patient to exhale (preferable).</p> <p>Pressure ramp option that starts pressure at low level and slowly increases over a period (preferable).</p> <p>All parts withstand high disinfection procedures.</p>	Piece	5		

		<p>Inspiration trigger for auto start. Class I or Class II or internally powered. Protection IP21 required (IP22 preferable). Ventilation modes Non-invasive CPAP Monitored and controlled parameters FiO2: 21 to 100 %, preferable Pressure: 4 to 20 [cmH2O]. Displayed parameters (color and graphic are preferable) Display easily readable in low ambient light and sunlight. Pressure: cmH2O. FiO2 (%) (preferable). Flow (preferable). Air leak (%) (preferable). RR (preferable). Alarms, related to gas delivered Visual and audible for: × High/low pressure and/or minute ventilation. × High/low oxygen (preferable). × Breathing circuit disconnection. Alarms, related to equipment operation Visual, audible for: × Lack of water (preferable). × System failure. × Air filter to be replaced. × Power failure (preferable). × Low battery (preferable). Consumables, single use Inlet bacteria filters, if applicable Expiratory filters, high efficiency Full face mask with tubing (for paediatric and universal fit for adult) alternative oral-nasal mask for adult and paediatric with tubing. Helmet for adult and paediatric with tubing (preferable) Accessories, reusable Full face mask with tubing (for paediatric</p>				
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		<p>and universal fit for adult), alternative oral-nasal mask for adult and paediatric with tubing; withstands high-level disinfection and sterilization</p> <p>Helmet for adult and paediatric with tubing (preferable); withstands high-level disinfection and sterilization (preferable)</p> <p>Humidifier accessory if not integrated</p> <p>MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS</p> <p>Standard hoses and connectors (i.e. DISS/NIST, barb, as applicable for the country) for oxygen wall outlets and cylinder as required to operate.</p> <p>Mains power cable <math>\geq 2</math> m. As required to operate.</p> <p>Spare parts</p> <p>1-year's spare parts kit as per preventive maintenance program (preferable).</p> <p>Portability</p> <p>Portable equipment with mechanical strength to lever rough handling.</p> <p>Power supply,</p> <p>Voltage, Frequency and Plug vary across the countries</p> <p>Operates from AC power electric line: 100–240 V AC <math>\pm 10</math> % / 50–60 Hz <math>\pm 10</math> %</p> <p>In-built rechargeable battery (preferable); if the equipment does not have an internal battery, an external battery or uninterruptible power supply should be included to provide battery back up in the case of AC power failure.</p> <p>Automatic switch from AC power electric-line mode to battery operating mode and vice versa, if applicable.</p> <p>Standards, for manufacturer</p> <p>Certified quality management system for medical devices (e.g. ISO 13485).</p> <p>Application of risk management to medical devices (e.g. ISO 14971).</p>				
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		<p>Regulatory approval / certification</p> <p>Free sales certificate (FSC) or certificate for exportation of medical device provided by the authority in manufacturing country.</p> <p>Proof of regulatory compliance, as appropriate, per the product's risk classification (e.g. Food and Drug Administration [FDA] and/or Conformité Européenne [CE]).</p> <p>Standards, for the product performance Compliance to the following international standards or to regional or national equivalent, (including the technical tests for safety and performance from accredited laboratory or third party). Latest version recommended but compliance to previous standards versions could be accepted:</p> <ul style="list-style-type: none"> <li>× IEC 60601-1 Medical electric equipment – Part 1: General requirements for basic safety and essential performance.</li> <li>× IEC 60601-1-2:2014 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic compatibility – Requirements and tests.</li> <li>× ISO 80601-2-70 Medical electrical equipment – Part 2-70: Particular requirements for basic safety and essential performance of sleep apnea breathing therapy equipment.</li> <li>× ISO 80601-2-80 Medical electrical equipment – Part 2-80: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilator insufficiency.</li> <li>× IEC 60601-1-8 Medical electrical</li> </ul>				
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		<p>equipment – Part 1-8: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems.</p> <p>If applicable, for the accessories and consumables:</p> <ul style="list-style-type: none"> <li>× ISO 18562-1:2017 Biocompatibility evaluation of breathing gas pathways in healthcare applications – Part 1: Evaluation and testing within a risk management process.</li> <li>× ISO 80601-2-74:2017 Medical electrical equipment – Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment.</li> <li>× ISO 17510:2015 Medical devices – Sleep apnea breathing therapy – Masks and application accessories.</li> </ul> <p>Warranty Minimum 2 years.</p>				
10	External defibrillator	<p>Manual and semi-automated operating modes.</p> <ul style="list-style-type: none"> <li>× Biphasic waveform operation.</li> <li>× Maximum energy to be at least 220 Joules.</li> <li>× Conductive area for paddles shall be &gt;50cm<sup>2</sup> for adult, &gt;15cm<sup>2</sup> for pediatric.</li> <li>× ECG analysis time to be &lt; 15 s.</li> <li>× Charge time to full energy to be &lt; 10 s.</li> </ul> <p>1. 30 full energy discharges to be possible solely off battery operation.</p> <ul style="list-style-type: none"> <li>× Voice prompting function included for operator direction.</li> <li>× Number of discharges (total lifetime and on current battery) to be displayed.</li> <li>× Self-test facility to be included.</li> <li>× Automatic impedance compensation.</li> <li>× External defibrillation discharging start control just only by pressing both buttons on the external paddles.</li> <li>× One set of reusable adult external</li> </ul>	Piece	2		

		paddles and related pediatric adapters compatible with the equipment. × Displayed parameters - indicator for power and battery state required.				
11	Electrocardio graph, portable with Conductive gel, container, and accessories	12 lead , Equipment used to detect electrical signals associated with cardiac activity. It is used for diagnosis and to assist in the treatment of some types of cardiorespiratory diseases. × Include the electrodes and wires for the 12-lead socket. × Must be able to display 3 simultaneous waves. × Able to obtain P, QRS, and T waveforms.  MEDICAL DEVICE TECHNICAL DESCRIPTION AND SPECIFICATIONS × Include uninterruptible power supply and backup battery. × With automatic calibration function. Must include all consumables required for its optimal operation (e.g. electrodes, conductive gel, etc.)	Piece	3		
12	Portable aspirator/ Suction system	Portable suction device (aspiration pumps) used to evacuate secretions and liquids from de nasal cavity or from high airways. × Adults and pediatric suction catheters should be less than half the internal diameter of the tracheal tube. × Vacuum adjustment: continuous. × Must be able to generate a vacuum of at least 0.85 bar (650mmHg). × Maximum vacuum: 700 mmHg. × Minimum open tube flow rate at least 5 liters liquid per minute. × Twin suction bottles, minimum size 3 liters each. × Bottles to have an automatic cut off when full to prevent ingress of fluid to motor. × Airline to pump to incorporate bacterial filter. × Tubing to patient to be minimum 3m	Piece	11		

		<p>long, non-collapsible type</p> <p>× Pedal and manual equipment suction function activation.</p> <p>× Sound Level: &lt; 70 dB.</p> <p>× Castors: 75 mm diameter, unidirectional, anti-static.</p>				
13	<p>Dry sterilizer 115/110 L, with accessories (such CV, TR, CCI, TBE)</p>	<p>Chamber volume total/usable 115/110 L</p> <p>Usable chamber dimensions Ø x H 400 x 850 mm</p> <p>Independent water tank volume 12 L</p> <p>Loading height 1120 mm</p> <p>Exterior dimensions L x D x H 610 x 700 x 1435 mm</p> <p>Power 4500, 60000 o 9000 W</p> <p>Gross weight 180 Kg</p> <p>Voltage* 400V 32A</p> <p>Frequency 50/60 Hz</p> <p>Adjustable sterilization temperature 100-134 °C</p> <p>Adjustable sterilization time 1-250 min</p> <p>Adjustable drying time 3-99 min</p> <p>Max. pressure 2,1 Barg</p> <p>Sterilization chamber made of AISI-316L stainless steel. External housing made of AISI-304 stainless steel.</p> <p>Equipment controlled by digital PID microprocessor, with 4 predefined and 6 editable programs, adjustable by time, temperature, drying time and type of cycle (solids or liquids).</p> <p>Agar mode (40 to 80 °C) and programs for liquids.</p> <p>Optional heart probe.</p> <p>Inlet in chamber for an external validation probe.</p> <p>Programmable auto-start (24 h).</p> <p>RS-232 port to connect PC or printer.</p> <p>Optional control software.</p> <p>Optional integrated or external printers.</p> <p>Cycles with initial simple prevacuum and final drying by vacuum pump and heating jacket.</p> <p>Alphanumeric LCD screen that shows</p>	Piece	1		



		<p>sterilization parameters, alerts and errors.</p> <p>Includes a water tank for an automatic feed of the sterilization chamber.</p> <p>Optional automatic feed of the water tank.</p> <p>Protecting grid for the heater element.</p> <p>Cycle time range: 1-250 minutes.</p> <p>Bacteriological filter for air inlet.</p> <p>Safety valve and thermostat.</p> <p>Hydraulic lid blocking system while positive pressure exists in the chamber.</p> <p>Open lid sensor.</p> <p>Water level detector in the sterilization chamber.</p> <p>Water level detector (min./max.) in the water tank</p>				
14	Sphygmomanometer, with cuffs (adult/children)	<p>Aneroid sphygmomanometer used in the physical examination, diagnosis, and monitoring of hypertension. Measures blood pressure non-invasively by displaying the pressure in a cuff wrapped around a patient's arm. × It should include a method of fixing the arm cuff to facilitate its use, cleaning and little accumulation of dirt. × The manometer must allow the reading of blood pressure with an accuracy of 2 mmHg. × Maximum pressure of 300 mmHg. × Gauge body to allow recalibration of readings, yet in normal operation be sealed and secure.</p>	Piece	50		
15	Stethoscope	<p>A mechanical listening device designed for listening to sounds from the heart and lungs. It typically comprises a membrane at the listening head connected by a split "Y" tube to the headgear with ear olives that are placed into the user's ears.</p> <p>× Binaural device, with non-folding smooth spring frame.</p> <p>× Double stent chest piece.</p> <p>MEDICAL DEVICE TECHNICAL</p>	Piece	60		

		<b>DESCRIPTION AND SPECIFICATIONS</b> × Plain spring non-folding frame. × Plastic ear tips. Ear clips included. × Vinyl stethoscope tubing. × Combined bell and diaphragm Sprague type. × Approximate length of 1 m.				
<b>16</b>	Intercostal catheter (ICC) / chest tube	Sterile, single use. × Straight and right-angle versions in various sizes (12-40 Fr). × Bold depth marks and radiopaque mark.	Piece	3000		
	<b>TOTAL Amount in USD</b>					