



## Jhpiego – Request for Quotation

### Biological Safety Cabinet Certification and Negative Pressure System Verification Tools

September 2021

**Note:** This document contains Jhpiego Business Confidential Information and shall not be distributed outside of your organization without the prior written consent of Jhpiego

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## INTRODUCTION

Through this Request for Quotation, Jhpiego intends to engage with a vendor (or vendors) as a preferred vendor for purchasing BSC Certification and Negative Pressure (NP) Verification Tool Kits for its project in Ethiopia. The engagement will be dependent on the vendor's ability to provide BSC certification and NP verification tool kits that meet the requirements outlined in the Scope of Work and at the lowest price.

Although Jhpiego is entering into this RFQ process with the intention of evaluating suppliers and possibly purchasing the items from a supplier, this document in no way commits Jhpiego to make any purchase or make any other legal commitment to enter into a business relationship with any bidder. Jhpiego thanks you for your participation in this RFQ process and looks forward to learning more about your organization.

## JHPIEGO

Jhpiego (pronounced "ja-pie-go"), is an international non-profit health organization affiliated with the Johns Hopkins University.

For almost 50 years and in over 155 countries, Jhpiego has empowered front-line health workers by designing and implementing effective, low-cost, hands-on solutions to strengthen the delivery of health care services for women and their families. By putting evidence-based health innovations into everyday practice, Jhpiego works to break down barriers to high-quality health care for the world's most vulnerable populations. Jhpiego's focus is on training and support for health care providers-including doctors, nurses, midwives and health educators working in limited-resource settings throughout Africa, Asia, the Middle East, Latin America and the Caribbean.

Jhpiego's program management strategy recognizes the technical complexity and geographical, cultural, socio-economic and political diversity among our programs. We develop global program initiatives and technical interventions that can be adapted for country-specific applications. In support of this field-driven philosophy, Jhpiego uses a decentralized organizational structure that consists of a global "delivery system" designed to implement the entire portfolio of Jhpiego awards with assistance from key technical, programmatic and administrative staff.

## SCHEDULE

The following is the planned schedule for this RFQ process. All dates are listed in the local time for Baltimore, MD, USA (EDT - UTC/GMT-5). We will update you if circumstances dictate a change to this schedule.

- Distribution of the RFQ: **September 21, 2021 / 2:00 PM**
- Bidder Questions Due: **September 28, 2021 / 5:00 PM**
- Answers to Questions Published: **October 1, 2021 / 5:00 PM**

- Proposals Due: **October 8, 2021 / 5:00 PM**
- **Note:** Failure to comply with any of the above deadlines will be interpreted as your intention to not participate in this RFQ

## CONTACT DETAILS

Please direct all questions and RFQ responses to the following primary contact:

**Nawid Atayee**  
Jhpiego.sourcing@jhpiego.org

**NOTE:** All formal responses and questions must be submitted **by email** to the contact listed above. Questions will not be answered over the phone.

## LOCATIONS

Jhpiego's headquarters is located at the below address, from where this effort will be managed:

1615 Thames Street  
Baltimore, MD 21231, USA

## SCOPE OF WORK

Jhpiego is asking for quotations from qualified vendors to provide quote for the provision of Biological Safety Cabinet Certification and Negative Pressure System Verification Tools for its country office in Ethiopia.

The listed items will be picked up at your designated location by Jhpiego's logistics provider and delivered directly to the Jhpiego field office in Ethiopia. To support this approach, we will require your company to:

- Cooperate with Jhpiego and the designated logistics provider to provide required documentation (MSDS, Bill of Lading, etc.)
  - Coordinate with the Jhpiego logistics provider to arrange for pickups
  - Release materials to the Jhpiego logistics provider
  - Possibly provide delivery within the U.S. using your designated courier (UPS, FedEx, etc.) for domestic orders
- E-Procurement Support
    - Interaction with the Jhpiego e-procurement system and registering to "Payment works".
    - Notification and support for product detail changes

The acquisition process that Jhpiego will be using for is as follows:

- Orders will be placed by Jhpiego end users through the JHU system called SAP and the PO will be issued to the vendor via email.
- Vendor will confirm receipt of PO and provide the ready date
- Vendor will contact Jhpiego's logistics provider 48 hours prior to the ready date to arrange pickup.
- After pickup, vendor will coordinate with point of contact at Jhpiego to submit the invoice and or enter respective invoice into the Jhpiego e-procurement.
- Vendor receives payment from Jhpiego once an invoice has been submitted and the logistics provider confirms the order is complete, picked up and in good condition.

Purchase order information, communication, and payments will be done through the Jhpiego Baltimore office (headquarters)

Below is the specification of the Biological Safety Cabinet Certification and Negative Pressure System Verification Tools list with exact quantities. The list is also included in the Answer Sheet for your completion.

**Technical Specification of Biological Safety Cabinet Certification and  
 Negative Pressure System Verification Tools**

**1. AEROSOL PHOTOMETER (WITH FOLLOWING SPECS OR EQUIVALENT)**

Description	Aerosol photometers operate by illuminating aerosol passing through a defined volume and detecting the total light scattered by all the particles in that volume.
Dimension (L x W x D)	25.7cm x 33cm x 15.2cm (13" x 10.1" x 6")
Output Voltage	100 to 250VAC 50/60Hz Automatic Adjustment
Input Voltage	0.5A @120VAC, 0.25A @240V
Auto Zero	Automatically establish zero reading at startup
Alarm	User selectable audible, visual, and vibratory alarms notify the user when the user defined set point is exceeded
Flow Control	Pulse Width Modulation control ensures sampling rate of 1cfm (28.3LPM) ±10% in all applications
Reagent Settings	PAO-4, DOP, Ondina oil, PEG, Krydol, Corn oil, Mineral oil, Paraffin
Dynamic Range	0.1µg/m <sup>3</sup> to 120mg/m <sup>3</sup>
Sensitivity	1% of readings >0.01% to 100%
Repeatability	0.5% of readings > 0.01% to 100%
Light Source	Solid state, rated for life of instrument
Output	USB Connection
Reporting	Continuous, summary, and monitoring modes
Industry	NSF49, IEST, ISO-14644
Electrical & Safety	CE, FCC, EN611010-1:2010, EN61326-1:2006

**2. PORTABLE AEROSOL GENERATOR (WITH FOLLOWING SPECS OR EQUIVALENT)**

Description	Aerosol generators are used when a well-defined particle composition in conjunction with a stable particle number size distribution is required.
Parameter	
Generation	Thermal Vapor
Warm-Up and Cool-Down Time	1-2 minutes
System Flow Rates	500 – 70,000 cfm (833-119,000 m3/hr.)
Aerosol Output at Max Concentration	100ug/l @ 7,000 cfm 10ug/l @ 70,000 cfm
Particle Distribution	Meets ANSI/ASME N509/510
Flex-Fuel Capability	DOP, PAO-4, DOS, Ondina, and Mineral Oil
Electrical	10A @120VAC 60Hz; 5A @ 240 VAC/50Hz
Size	17” x 5” x 15” (43cm x 12cm x 36cm)
Weight	17.6 Lbs. (approximately 8 kg) empty
Standards	ISO14644-3, CE RoHS 2 (2011/65/EU directive)

**3. AIR VELOCITY METER (AS FOLLOWING SPECS OR EQUIVALENT)**

Description	An air velocity meter measures the speed or flow of air or wind.
<b>Velocity parameter</b>	
Range	0 to 6,000 ft/min (0 to 30 m/s)
Accuracy	±3% of reading or ±3 ft/min (±0.015 m/s), whichever is greater
Resolution	1 ft/min (0.01 m/s)
<b>Temperature</b>	
Range	14 to 140°F (-10 to 60°C)
Accuracy	±0.5°F (±0.3°C)
Resolution	0.1°F (0.1°C)
<b>Relative Humidity</b>	
Range	5 to 95% RH
Accuracy	±3% RH
Resolution	0.1% RH
<b>General Specifications</b>	
Power Supply	4 x AA Batteries or AC Adapter

Weight	With Batteries: 0.6 lbs. (0.27 kg)
<b>Meter Probe Dimensions</b>	
Probe Length	40" (101.6 cm)
Probe Diameter of Tip	0.28" (7.0 mm)
Probe Diameter of Base	0.51" (13.0 mm)

**4. AIR PARTICLE COUNTER (HEPA/ULPA Filter Scanner) (WITH FOLLOWING SPECS OR EQUIVALENT)**

<b>Description</b>	A particle counter is an instrument that measures and counts the number of various sized particles in the air.
<b>Technical parameter</b>	
Platform	APC Instruments
Standards	21 CFR Part 11, ISO 14644-1:2015, CE, FCC
Particle Size Analysis Range	0.3 - 10 µm
Coincidence Loss	10% at 4,000,000 particles/ft <sup>3</sup>
Sample Volume	10 µm
Interfaces & Protocols	USB Client (v1.1), USB Host (v1.1)
Data Storage	10,000 records
Battery	Lithium Ion (rechargeable) battery
Battery Operating Time	10+ hours (typical use) / minimum 5.5 hours (continuous sampling)
Battery Recharge Time	3.5 hours
Zero Count	Conforms to JIS B9921 (1 count or less in 5 min; 95% UCL)
Counting Efficiency	50% at 0.3 µm (100% for particles > 0.45 µm)
Count Alarms, Display & Cycles	Raw counts: N/CF, N/CM, N/L (cumulative/differential mode); user-defined alarm counts
Label Locations	Alpha-numeric Location Names
Weight	0.7 kg(1.5 lb)



**5. SMOKE GENERATOR (WITH FOLLOWING SPECS OR EQUIVALENT)**

Description	Smoke generator is designed to <b>generate smoke</b> for air flow checking or respirator fit testing. The controlled <b>smoke</b> allows users to see velocity, direction, and flow of slow moving air currents.
Features	Battery operated - 12 V DC <ul style="list-style-type: none"><li>✦ 1 second warm up time</li><li>✦ Ideal for tracing local airflows &amp; flow visualization</li><li>✦ Handheld, 100 % portable, lightweight &amp; easy to use</li><li>✦ Comes as standard complete with carry case, battery, extension nozzle &amp; 500 ml of smoke fluid</li><li>✦ Switch mode charger (will charge from a 230 V)</li></ul>
Technical specification	Size 23 cm x 7 cm x 8 cm <ul style="list-style-type: none"><li>✦ Weight 2.7 kg</li><li>✦ Power consumption 75 W</li><li>✦ Output 100 ft<sup>3</sup> / min</li><li>✦ Tank capacity 110 cc</li><li>✦ Consumption 2 cc / min</li></ul>

## EVALUATION CRITERIA

Quotes will be evaluated based on the following criteria:

- Specification Requirements - Vendor must provide a quote for the listed items with the exact or similar specifications outlined in the Scope of Work.
- Price - Vendor must provide a quote for the items, based on their capabilities, at the lowest price.

References may be considered as an evaluation factor if you are selected as a finalist. The references will not be contacted unless Jhpiego informs you in advance.

## DIRECTIONS FOR RESPONSE

All responses to this RFQ must include the components and follow the guidelines below. **Any proposal that does not follow these guidelines may be disqualified.**

Complete and submit the following component in your proposal:

### ANSWER SHEET (EXCEL FILE)

- General – 1<sup>st</sup> tab – Provide your company’s contact information for this RFQ process and provide responses to the background and qualification questions.
- Pricing – 2nd tab – Provide unit and total price for the items.
- References – 3<sup>rd</sup> tab – Please provide at least three customer references Jhpiego may contact.

Under no circumstance should any bidder attempt to circumvent this RFQ process by contacting Jhpiego directly, submitting any quotes, offering discounts outside of the parameters of this process. Please submit all quotes and ask all questions according to the provided timelines and through the channels designated in this document and any other tender documents that may follow. Please direct all questions, information, or concerns to the designated contact only.

Questions to the designated contact are entirely welcome. However, any violation of these directions will be considered an attempt to gain an unfair advantage over the other competitors and will result in disqualification of the violating bidder. Any disqualified bidders will be removed from the process and any further submissions by that bidder will not be accepted.

Jhpiego reserves the right to reject any and all quotes and bears no responsibility for any costs of preparing any quote

## QUESTIONS FROM BIDDERS

In the interest of fairness and completeness of answers, all questions from all bidders will be aggregated, answered and sent to all bidders on the date and time indicated in the schedule. Please submit your questions to the primary contact identified above **via email** by the day they are due (see "Schedule" section). Jhpiego will not respond to questions over the phone because it becomes difficult to share those same answers with the other firms. Jhpiego will respond to all bidders simultaneously, including all bidders' questions and their corresponding responses.

## PROPOSAL VALIDITY

Vendor shall submit a proposal that is valid for 120 days after the proposal due date per the "Schedule" section above.

## AWARD OF CONTRACT

The firm that, in the opinion of Jhpiego, has submitted the proposal providing the best value for Jhpiego based on the evaluation criteria may be awarded a purchase order.

## CONTRACT TERMS

Any resulting agreement will be conditional upon the vendor's acceptance of the Johns Hopkins University Terms and Conditions (<http://ssc.jhmi.edu/supplychain/terms-jhu.html>) and must be approved by Jhpiego's Executive Office. Jhpiego's standard payment terms are Net 30. It is anticipated that any resulting contract will include fixed rates as proposed as part of this RFQ.