



April 8, 2022

United Nations Population Fund
Address UN Street-12,
Sukhbaatar district,
Ulaanbaatar-14201, Mongolia
Fax: 976-11-353505
Telephone: 976-11-353505/3355

INVITATION TO BID ITB No. UNFPA/MNG/ITB/22/001

MANUFACTURE AND/OR SUPPLY OF PRODUCTS AND RELATED SERVICES INTRODUCTORY LETTER

Dear Sir/Madam,

1. The United Nations Population Fund (UNFPA), an international development agency, invites sealed bids for the supply of Medical Equipment for its programme in Mongolia.
2. Bidding shall be conducted through ONE envelope. The technical bid containing the technical specifications and the financial bid containing price information shall be submitted together.
3. The Bidder shall *be* required to quote for all items.
4. To enable you to submit a bid, please read the following attached documents carefully:

Section I:	Instructions to Bidders
Section II:	Technical Specifications and Schedule of Requirements
Section III:	UNFPA General Conditions of Contract
Section IV:	UNFPA Special Conditions for Contracts
Section V:	Bidding Forms

5. The bid shall reach UNFPA's reception or the email inbox of procurement@unfpa.org.mn no later than **29 April 2022**, at 10:00hrs, (GMT+8)¹.
6. The bid shall be opened on **29 April 2022**, at 14:00hrs (GMT+8) at UNFPA Mongolia, UN house, Ulaanbaatar, Mongolia. Bidders or their authorized representatives may attend the bid opening. Kindly confirm by e-mail by **27 April 2022** whether your company shall be represented at the bid opening.
7. Bids received after the stipulated date and time shall not be accepted under any circumstances. Bids delivered through courier and posted later than the due date shall not be registered and shall be returned unopened or shall be shredded. Bids submitted to any other email address than procurement@unfpa.org.mn shall be rejected. *Please do NOT send the emails containing your offer to any other email address (not even as a copy or blind copy); otherwise UNFPA will not be able to guarantee confidentiality and fair and transparent handling of your bid. UNFPA reserves the right to reject bids sent via the appropriate channel but copied or blind copied to other email addresses*

¹ Reference: www.timeanddate.com/worldclock

8. Bidders shall acknowledge receipt of this Invitation to Bid according to the Bid Confirmation Form, Section V, 1 of this solicitation documents by email to batsuuri@unfpa.org no later than **24 April 2022** and to indicate whether or not a bid shall be submitted. The acknowledgement shall provide company name, telephone number, fax number and the name of a contact person. If you are declining to bid, please confirm this via e-mail to UNFPA and please state the reasons for UNFPA to improve its effectiveness in future invitations.
9. Any questions relating to the attached documents shall be addressed in writing to the following UNFPA personnel no later than **15 April 2022** at 17:00hrs, Ulaanbaatar time.
 - *Tsetsenbaatar.B, procurement staff* email: batsuuri@unfpa.org for questions relating to the bidding exercise.

Do not submit your bid to these contacts, or your bid will be disqualified.

10. This letter is not to be construed in any way as an offer to contract with your firm.
11. UNFPA strongly encourages all Bidders to register on the United Nations Global Marketplace (<http://www.ungm.org>). The UNGM is the procurement portal of the United Nations system. By registering on UNGM, vendors become part of the database that UN buyers use when searching for suppliers. Vendors can also access all UN tenders online and, by subscribing to the Bid Tender Service, vendors can be automatically notified via e-mail of all UN business opportunities that match the products and services for which they have registered. Instructions on how to subscribe to the Tender Alert Service can be found in the UNGM Interactive Guide for Suppliers http://www.ungm.org/Publications/UserManuals/Suppliers/UserManual_Supplier.pdf.

Yours sincerely,

DocuSigned by:

4BFB717BDB2B4D4...
Khalid Sharifi
Head of Office
UNFPA Mongolia
08-Apr-2022



UNITED NATIONS POPULATION FUND

INVITATION TO BID

ITB NO.: UNFPA/MNG/ITB/22/001

Bid document for the manufacture and/or supply of products and related services

8 April 2022

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SECTION I: Instructions to Bidders

A. Introduction

1. Scope

- 1.1. The goods to be procured *are medical equipment including installation, after sales servicing of the equipment and training of users from the Maternity hospitals located in Ulaanbaatar for UNFPA's Programme located in Mongolia.*

2. Eligible Bidders

- 2.1. All Bidders found to have a conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest if they are or have been associated in the past, with a firm or any of its affiliates that have been engaged by UNFPA to provide consulting services under these bidding documents.
- 2.2. Bidders shall not be eligible to submit a bid if at the time of bid submission:
- The Bidder is listed as suspended on United Nations Global Marketplace (<http://www.ungm.org>) as a result of having committed fraudulent activities,
 - The Bidder's name is mentioned in the [UN 1267 list](#) issued by the Security Council resolution 1267 that establishes a sanctions regime to cover individuals and entities associated with Al-Qaida and/or the Taliban;
 - The Bidder is debarred by the World Bank Group.

Fraud and Corruption

- 3.1 UNFPA's policy regarding fraud and corruption is available at <http://www.unfpa.org/about-procurement#FraudCorruption> and applies fully to this Invitation to Bid. The submission of any offer implies that the Bidder is aware of this policy.

B. Solicitation Documents

4 UNFPA Solicitation document

- 4.1. Bidders are expected to examine all instructions, forms, specifications, terms and conditions contained within this UNFPA solicitation document. Failure to comply with these documents shall be at the Bidder's risk and may affect the evaluation of the bids, or may result in the rejection of the bid.
- 4.2. Bidders are cautioned to read the specifications carefully (see Section II Technical Specifications and Schedule of Requirements), as there may be special requirements. The technical specifications presented herein are not to be construed as defining a particular manufacturer's product. Bidders are encouraged to advise UNFPA if they disagree.
- 4.3. The specifications are the minimum requirements for the products and related services. Products and services offered must meet or exceed all requirements herein. The products shall conform in strength, quality and workmanship to the accepted standards of the relevant industry.

Modifications of or additions to basic standard products of less size or capability to meet these requirements will not be acceptable.

5 Clarifications of solicitation document

5.1 A prospective Bidder requiring any clarification on the bid solicitation documents may notify UNFPA in writing within *15th April 2022* from the date of issue of the bid. UNFPA shall respond in writing to any request for clarification received and circulate its response (including an explanation of the query but without identifying the source of enquiry) to all prospective Bidders who have received the bid solicitation documents. A copy of UNFPA's answer shall also be posted on the UN Global Marketplace, <http://www.ungm.org/> and the following other media outlets: *UNFPA Mongolia website, <https://mongolia.unfpa.org/en>.*

6 Amendments to UNFPA bid solicitation document

6.1. At any time prior to the deadline for submission of bids, UNFPA may for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by amendment.

6.2. All prospective Bidders that have received the bidding documents shall be notified in writing of all the amendments to the bidding documents. In order to give prospective Bidders reasonable time to take the amendments into account in preparing their bids UNFPA may, at its discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

7 Documents to be submitted with the bid

7.1. Documents Establishing the Eligibility of the Bidder

To establish their eligibility, Bidders shall:

- a. Complete the Bid Submission Form, Section V, 2.
- b. Complete Bidders Identification Form, Section V, 3.

7.2. Documents Establishing the Qualifications of the Bidder

To establish its qualifications, the Bidder shall submit to UNFPA's satisfaction the following documents:

- a. Evidence that the Bidder is established as a company and legally incorporated in the country where it resides; e.g. through provision of certification of incorporation or other documentary evidence (this is not required for companies already registered in national, regional or international Stock Exchanges);
- b. Post qualification documentation outlined in Instructions to Bidders, Sub-Clause 27

Failure to furnish all the information required for submission shall be at the Bidder's risk as it may then be determined that the bid does not substantially respond to the UNFPA bid document in every respect. This may result in a rejection of the bid.

7.3. Documents Establishing the Eligibility and Conformity of the Goods and Related Services

Bidders shall submit:

- a. Documentary evidence that the goods conform to the Technical Specifications and standards specified in Section II Technical Specifications and Schedule of Requirements.

- b. Completed Product Item Overview Form, Section V, 4.
- c. Product catalogues containing pictures of the product(s)
- d. Manufacturer's technical product specifications or datasheets
- e. Results of any testing carried out on the products
- f. Copies of current certificates such as GMP/quality, FSC/PPP, manufacturer's ISO certificate for the product, manufacturer's CE certificate, USA 510k, Japan QS standard, etc., as stated in the Technical Specifications and Schedule of Requirements Section II
- g. The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the five years (5 years) following commencement of the use of the goods by UNFPA. Bidders must complete and submit with their bid the Excel table containing the individual item details, as per Form in Section V.4. Bidding Forms.

8 Bid Currency and Prices

8.1. All prices shall be quoted in any convertible currency to US Dollars (USD).

8.2. Bidders are requested to quote the following based on INCOTERMS 2020 (The terms FCA, CPT and other similar terms shall be governed by the rules prescribed in the INCOTERMS 2020, published by the International Chamber of Commerce):

- Price of goods DAP at points
 - a. Urguu Maternity hospital in Enkhtaivan avenue, 1st sub-district, Sukhbaatar district, Ulaanbaatar, Mongolia.
 - b. Amgalan Maternity hospital, Enkhtaivan avenue, Bayanzurkh district, Ulaanbaatar, Mongolia.
 - c. MNHC-2 in Ulziit street, 21st sub-district, Khan-Uul district, Ulaanbaatar, Mongolia.

8.3. Where installation, commissioning, training or other similar services are required to be performed by the Bidder, the Bidder shall include an itemized list of the prices for those services.

9 Validity of Bid

9.1. The prices of the bid shall be valid for *90 days* after the closing date of bid submission as specified by UNFPA. A bid valid for a shorter period shall be rejected by UNFPA on the grounds that it is non-responsive.

9.2. In exceptional circumstances, UNFPA may solicit the Bidder's consent for an extension of the period of validity under exceptional circumstances. The request and the responses shall be made in writing.

D. Submission of Bids and Bid Opening

10 Partial Bids

10.1. Partial bids are not allowed under this tender.

11 Alternative Bids

- 11.1. Alternative bids will not be accepted. In the event of a supplier submitting more than one bid, the following shall apply:
- a. All bids marked alternative bids will be rejected and only the base bid will be evaluated.
 - b. All bids will be rejected if no indication is provided as to which bids are alternative bids.

12 Bids

- 12.1. Bids shall be submitted in one envelope or transmitted in an email to a secure email address designated by UNFPA.
- 12.2. Bids shall be prepared in accordance with Section II: Schedule of Requirements and Technical Specifications and shall include the requested documentation as per Instructions to Bidders Clause 7, and in accordance with the Price Schedule Form in Section V, 5 of the bid forms.
- 12.3. Bids shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. A bid shall contain no interlineations, erasures, or overwriting except as necessary to correct errors made by the Bidder. In that case such corrections shall be initialled by the person or persons signing the bid.

13 Electronic Submissions

- 14.1. Bids will be submitted electronically. Please note the following guidelines for electronic submissions:
- 14.2. Bidders shall make clear reference to the specific bid in the subject field as instructed, otherwise bids may be rejected. Clearly specify the following text in the subject line: **ITB No. UNFPA/MNG/ITB/22/001**, Bidder's Name.
- 14.3. The bid shall be submitted to procurement@unfpa.org.mn. Bids received at the procurement@unfpa.org.mn mailbox are kept undisclosed and shall not be opened before the scheduled opening date. Sending to any other email address will violate confidentiality and invalidate the bid.
- 14.4. E-mail submission shall not exceed 10 MB, including the size of the cover email. It is recommended that all the bidding documents are consolidated into as few attachments as possible which shall be in commonly used file formats. If the bid consists of large electronic files, it is recommended to send these files separately before the deadline indicating the order of emails (email 1, email 2, etc.) after the bid reference number and the Bidder's name in the subject line of each email.
- 14.5. It shall be the Bidder's responsibility to ensure that bids sent by e-mail are received by the deadline. All Bidders shall receive an auto-reply acknowledging the receipt of their email. Bidders shall not receive responses to questions sent to procurement@unfpa.org.mn since it is a secure mailbox.
- 14.6. In order to avoid last minute internet congestion it is recommended to send your bid as early as possible before the deadline.

14 Bid Submission Deadline/Late Bids

- 15.1. Bids must be delivered to the office on or before the date and time specified in the introductory letter of this solicitation document. If any doubt exists as to the time zone in which the bid should be submitted please refer to www.timeanddate.com/worldclock, or contact the bid focal point.
- 15.2. UNFPA may, under special and exceptional circumstances, extend the bid submission deadline and such changes shall be notified in UNGM before the expiration of the original period.
- 15.3. Any bid received by UNFPA after the bid submission deadline shall be rejected and returned unopened to the Bidder. UNFPA shall not be legally responsible for bids that arrived late due to the Bidder's problems with transmission of bid submissions via email and/or with the courier company.

15 Storage of Bids

- 16.1. Bids received prior to the deadline of submission and the time of opening shall be securely kept unopened until the specified bid opening date stated in the UNFPA's solicitation document. No responsibility shall be attached to UNFPA for prematurely opening an improperly addressed and/or identified bid.

16 Bid Opening

- 17.1. UNFPA shall conduct the bid opening in public at the following address, date and time.

Street Address: *United Nations Street -14*
Floor/ Room number: *4th floor and room 401*
City: *Ulaanbaatar*
Country: *Mongolia*
Date: *29 April 2022*
Time: *14:00hrs (GMT+8)*

- 17.2. Bids received electronically by the required deadline will be printed and a copy of the bids will be put in a sealed envelope that will be opened at the time and date specified in the bid document. Only the last received bid will be opened if multiple bids are sent by a same Bidder.
- 17.3. The bids shall be opened publicly at the time and place specified in the ITB and an immediate record made thereof.
- 17.4. Only those who have submitted bids or their authorized agent or representative may attend the bid opening.
- 17.5. The report shall be available for viewing by Bidders for a period of thirty days from the date of the opening. No information that is not included in the bid opening report can be given to Bidders.
- 17.6. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder.

E. Evaluation and Comparison of Bids

18. Confidentiality

- 18.1. Information relating to the examination, evaluation, comparison, and post-qualification of bids, and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the contract award is published.
- 18.2. Any effort by a Bidder to influence UNFPA in the examination, evaluation, comparison, and post-qualification of the bids or contract award decisions may result in the rejection of its bid.

19. Clarification of Bids

- 19.1. To assist in the examination, evaluation and comparison of bids, UNFPA may ask Bidders for clarification of their bids. The request for clarification and the response shall be in writing by UNFPA and no change in price or substance of the bid shall be sought, offered or permitted.

20. Responsiveness of bids

- 20.1. UNFPA's determination of a bid's responsiveness is to be based on the contents of the bid itself.
- 20.2. A substantially responsive bid is one that conforms to all the terms, conditions, and specifications of the bidding documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- a. affects in any substantial way the scope, quality, or performance of the goods and related services specified in the contract; or
 - b. limits in any substantial way, inconsistent with the bidding documents, UNFPA's rights or the Bidder's obligations under the contract; or
 - c. if rectified would unfairly affect the competitive position of other Bidders presenting substantially responsive bids.

21. Nonconformities, Errors, and Omissions

- 21.1. Provided that a bid is substantially responsive:
- a. UNFPA may waive any non-conformities or omissions in the bid that do not constitute a material deviation.
 - b. UNFPA may request that the Bidder submit the necessary information or documentation within a reasonable period of time to rectify non material non conformities or omissions in the bid related to documentation_requirements. Such omission shall not be related to any aspect of the price of the bid. Failure of the Bidder to comply with the request may result in the rejection of its bid.
 - c. UNFPA shall correct arithmetical errors on the following basis:
 - If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of UNFPA there is an obvious misplacement of the decimal point in the unit price. In that case the line item total as quoted shall govern and the unit price shall be corrected;
 - if there is a discrepancy between words and figures, the amount in words shall prevail;
 - if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

22. Preliminary examination of Bids

22.1. UNFPA shall examine the bids to determine whether they are complete, that all documents and technical documentation requested as per Instructions to Bidders Clause 7 have been provided and to determine the completeness of each document submitted. UNFPA will also examine whether any computational errors have been made, whether the documents are properly signed, and whether the bids are generally in order.

23. Examination of Terms and Conditions and Technical Evaluation

23.1. UNFPA shall examine the bid to confirm that it does not contain any material deviations, reservation, or omission related to the conditions and requirements specified in the Section II Technical Specifications and Schedule of Requirements, Section III UNFPA General Conditions of Contract and Section IV UNFPA Special Conditions for Contracts.

23.2. If after the examination of the terms and conditions and the technical evaluation UNFPA determines that the bid is not substantially responsive in accordance with Instructions to Bidders Clause 21, the bid shall be rejected.

24. Conversion to Single Currency

24.1. To facilitate evaluation and comparison, UNFPA will convert all bid prices expressed in the amounts in various currencies in which the bid prices are payable to US dollars at the official UN exchange rate on the last day for submission of bids.

25. Evaluation of Bids

25.1. UNFPA shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.

26. Comparison of Price Bids

26.1. UNFPA shall compare all substantially responsive bids to determine the lowest priced substantially responsive bid

26.2. Bid comparison will be made on the total cost, delivered to final destination. UNFPA reserves the right to compare freight prices of Bidders with rates of reputable freight forwarders and to consider such rates for the purpose of bid evaluation. In the event that Bidder's freight prices are found to be less competitive than the rates offered by freight forwarders, UNFPA may issue a contract on FCA basis to the Vendor instead of CPT/CFR, and issue a separate contract for freight to a freight forwarder if deemed in the best financial interest of UNFPA.

27. Post-qualification of the Bidder

27.1. UNFPA shall determine to its satisfaction whether the Bidder with the lowest priced, substantially responsive bid is qualified to perform the contract satisfactorily.

27.2. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted in the bid.

27.3. To evaluate a Bid, UNFPA shall consider the following:

- Copy of last year audited company Balance and Financial Statements
- Copy of valid manufacturing license from the country of manufacturing and/or a copy of company registration in the country of operation demonstrating that is duly authorized to supply these goods to the country of destination
 - Financial Capability:
 - a. Liquidity ratio: Current ratio (Current Assets/ Current liabilities) > 1.
 - b. Provide contact details of commercial banks and names of contact persons from whom UNFPA could seek feedback.
 - Experience and Technical Capacity:
 - a. Details of experience and past performance of the Bidder on equipments offered and on those of similar nature within the past five years
 - b. The Bidder shall disclose instances of previous past performance that may have resulted in adverse actions taken against the Bidder and the manufacturers whose products are being offered by the Bidder, in the last five years. Such adverse actions may be treated as unsatisfactory performance history while deciding the award of contract. If no instance of previous past performance has resulted into adverse actions, this must be clearly indicated in the Bidder's bid.

For non-manufacturer Bidders:

- a. Legally enforceable authorization from the manufacturer assuring full guarantee and warranty obligations as per the tender conditions for the goods offered; and
- b. The Bidder, as authorized by the manufacturers, has supplied and provided after sales service for similar goods to the extent of at least 20 percent of the quantities indicated in the tender requirements in any one of the last three years, and the goods must be in satisfactory operation.

27.4. Notwithstanding anything stated above, UNFPA reserves the right to assess the Bidder's capabilities and capacity to execute the contract satisfactorily before deciding on award.

27.5. Even though the Bidders may meet the above qualifying criteria, they can be subject to disqualification if they have made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements, and/or record of poor performance such as, not properly completing contracts, inordinate delays in completion, litigation history, financial failures, etc.

28. UNFPA's Right to Accept Any Bid and to Reject Any or All Bids

28.1. A bid that is rejected by UNFPA may not be made responsive by the Bidder by correction of the non-conformity. A responsive bid is defined as one which conforms to all the terms and conditions of the UNFPA's bid solicitation documents without material deviations. UNFPA shall determine the responsiveness of each bid against the UNFPA solicitation documents.

28.2. UNFPA reserves the right to reject any bid if a Bidder has previously failed to perform properly or complete on time in accordance with contracts or the Bidder who in UNFPA's perspective is not in a position to perform the contract.

28.3. The Bidders waive all rights to appeal against the decision made by UNFPA.

29. UNFPA's Right to Annul a Bidding Process

- 29.1. UNFPA reserves the right to annul the bidding process and reject all bids at any time prior to award of purchase order, without thereby incurring any liability to the affected Bidder(s) or any obligation to provide information on the grounds for UNFPA's action.

F. Award of Contract

30. Award Criteria

- 30.1. In the event of a contract award, UNFPA shall award the *Purchase Order* to the lowest priced Bidder(s) whose bid has been determined to be substantially responsive with the bidding documents.
- 30.2. If required, the Bidder shall permit UNFPA representatives access to their facilities at any reasonable time to inspect the premises that shall be used for the production, testing and packaging of the products. The Bidder shall also provide reasonable assistance to the representatives for such inspection, including copies of any test results or quality control reports as may be necessary. UNFPA may inspect the manufacturing facilities of the lowest evaluated responsive Bidder to assess his capability to successfully perform the contract as per the terms and conditions specified in the ITB.
- 30.3. UNFPA reserves the right to make multiple arrangements for any item(s) where, in the opinion of UNFPA, the lowest Bidder cannot fully meet the delivery requirements or if it is deemed to be in UNFPA's best interest to do so. Any arrangement under this condition shall be made on the basis of the lowest, second lowest, third lowest, etc., bid which meets the requirements.

31. Right to Vary Requirements at Time of Award

- 31.2. UNFPA reserves the right at the time of award of contract to increase or decrease by up to 20% the quantity of goods specified in this bid without any change in unit price or other terms and conditions.

32. Signing of the contract

- 32.1. Prior to the expiration of the period of bid validity, UNFPA shall send the successful Bidder the Purchase Order, which constitute the notification of award. The successful Bidder shall sign, date the contract and return it to UNFPA within 10 days of receipt of the contract. After receipt of the contract, the successful Bidder shall deliver the commodities in accordance with the quantity, quality and delivery schedule outlined in its bid in conjunction with UNFPA terms and conditions.

33. Publication of Contract Award

- 33.1. UNFPA shall publish the contract award on United Nations Global Marketplace <http://www.ungm.org>, with the information of the awarded Bidder company name, contract amount or LTA and the date of the contract.
- 33.2 Suppliers perceiving that they have been unjustly treated in connection with the solicitation or award of a contract may lodge a complaint directly with the UNFPA Head of Office at Khalid Sharifi, *Head of Office* at ksharifi@unfpa.org. The UNFPA Head of Office will then make an assessment of the complaint and provide a reply to the supplier within a week. If the supplier is

not satisfied with the reply provided by the UNFPA Head of Office, the supplier may escalate the complaint to the Chief, Procurement Services Branch at procurement@unfpa.org, who will reply to the supplier within a week and advise the Supplier on further recourse if required.

SECTION II: Technical Specifications and Schedule of Requirements

2.1. Technical Specifications

Item 1	REAL TIME PCR SYSTEM (3 pcs)
	<p>Product description: Real-Time PCR System to conduct PCR-based nucleic acid tests to infections, Automated, multiplex real-time amplification and detection system, IVD. Open system able to operate with reagents of diverse suppliers</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Sample format: 96-well plates, 8-tube strips • Temp. Range: 0-100°C • Max ramp rate heating: 4 - 7°C • Average ramp rate cooling: 2 - 4°C • Lid: heats up to 105°C • Accuracy: ±0.2°C • Uniformity: ±0.4°C well-to-well • Multiplex analysis: 4 - 6 targets • Gradient operational range: 30-100°C • Gradient programmable span: 1–25°C • Supplied with computer and printer, integrated with LIS, and with Rapid finder analysis software • The case is to be cleanable with laboratory grade disinfectants • Range of excitation/emission wavelengths (nm): 300–800 nm • Related accessories, controls, supplies and devices needed for complete installation and full operation for at least 300 tests will be included. Description of any sterilization process required for accessories • Supplied in protective, re-closable seal • Estimated Life Span: 5 years • Power supply: Main power / Electrical source requirements: 220-240V, 50Hz. Line connection plug "Type C" Euro plug or the "Type E" or "Type F" Schuko • Protections against over-voltage line conditions: 1500W UPS with power stabilization are available in the hospital, if not sufficient include into the offer that capable of maintaining operation for at least 45 minutes during power failure.
	<p>Regulations & conformity requirements:</p> <ul style="list-style-type: none"> • FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses
	<p>Warranty: Two (2) years warranty should be provided.</p>
	<p>Packaging & Labelling: Product's labels must contain at least manufacturer identification, address of the manufacturing site, model, or product's code, serial number, date of manufacturing.</p>
	<p>Training and installation requirement: Installation and testing before handover are required. Training for users in operation and basic maintenance Training for technicians on the preventive maintenance of each unit</p>
	<p>Documentation requirement:</p> <ul style="list-style-type: none"> • Certificate of calibration and inspection to be provided. • User manual in English and Mongolian version • List of equipment and procedures required for local calibration and routine maintenance

	<ul style="list-style-type: none"> List of important spares and accessories, with their part numbers and price Contact details of manufacturer, supplier and local service agent to be provided Logbook with instruction for daily, weekly, monthly and quarterly maintenance checklist; The job description of the hospital technician and company service engineer should be clearly spelt out;
Item 2	PCR DIAGNOSTIC KIT FOR SARS-COV-19 (for 3000 tests)
	<p>Product description: PCR diagnostic kit for SARS-COV-19</p> <p>Specifications:</p> <ul style="list-style-type: none"> PCR diagnostic kit for SARS-COV-19
	<p>Regulations & conformity requirements:</p> <ul style="list-style-type: none"> FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses
Item 3	PCR DIAGNOSTIC KIT FOR STI AND REPRODUCTIVE INFECTIONS INCLUDING CT, NG, MG, UU, UP AND TV (for 1000 tests)
	<p>Product description: PCR diagnostic kit for STI and Reproductive infections including CT, NG, MG, UU, UP and TV</p> <p>Specifications:</p> <ul style="list-style-type: none"> PCR diagnostic kit for STI and Reproductive infections including CT, NG, MG, UU, UP and TV for 1000 tests
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses
Item 4	MANUAL DNA/RNA EXTRACTION KITS (for 4000 tests)
	<p>Product description: A kit designed for rapid manual and automated small-scale preparation of DNA/RNA and suitable for use with cell-free bodily fluids such as serum or plasma samples, blood samples or vaginal, cervical swab types.</p> <p>Specifications:</p> <ul style="list-style-type: none"> Kit size: suitable for 4000 tests Specimen type: Nasal, urethral, cervical swab Application: PCR, RT-PCR, sequencing, supplied with required buffers and magnetic beads and enhanced buffers. For purification. Automated extraction systems: Allow easy automation on common liquid handling instruments or automated magnetic separators Number of samples: up to 96 samples Washing the beads: Shaking or mixing Shelf life: 12-24 months from the date of manufacture Estimated weight: 1.7 kg and volume 0.001m³ Storage condition: <ul style="list-style-type: none"> ✓ Enhancer Buffer must be stored at -25°C to -15°C ✓ Proteinase K must be stored at 2°C to 8°C

	<ul style="list-style-type: none"> ✓ Magnetic Beads M must be stored at 2°C to 8°C • Others must be stored at 0°C to 30°C <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p> <p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses
Item 5	<p>HPV DIAGNOSTIC KIT FOR 28 HPV SUBTYPES (for 1000 tests)</p> <p>Product description: Multiplex real-time PCR for the separate detection of -HPV 16, HPV 18 and other high-risk genotype 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68</p> <p>Specification:</p> <ul style="list-style-type: none"> • Genotype specific single-stranded linear probes for highly specific detection of targeted high-risk HPV genotypes to avoid cross-reactivity with non-targeted HPV types • True cellular internal control for high reliability and confidence in HPV-negative test results • External controls: negative control and positive control • Assay performance • Clinical Sensitivity and Specificity in Referral Population: High Risk HPV Detection Clinical Sensitivity: 97.5%**; Clinical Specificity: 99.4%** • Instrumentation • Extraction: m2000sp, m24; Amplification and Detection: m2000rt • Amenable to automated sample handling and assay systems Utilization of the UDG system to prevent carry-over contamination • Reported results • Qualitative detection of 14 High Risk HPV types, typing of HPV 16 and/or HPV 18, single and mixed infections • Automated extraction, sampling and handling of assay systems • Input volume: 400ul • Regulatory and QMS requirements • IMDRF/ GHTF considerations and all other UNFPA generic specifications to be followed specifications <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p> <p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses
Item 6	<p>NUCLEIC ACID PURIFICATION SYSTEM (3 pcs)</p> <p>Product description: Fully automated nucleic acid extraction instrument, designed for high throughput automatic isolation & purification of nucleic acids.</p> <p>Specification:</p> <ul style="list-style-type: none"> • Automated (fully), high-throughput extraction instrument. • Output: Total nucleic acid (virus DNA/RNA, genome DNA) ready for amplification and detection on RT-PCR testing; both RNA and DNA from viruses, bacteria. • Handle different types of samples simultaneously • Capacity: Flexible number of samples (16-48 samples)

	<ul style="list-style-type: none"> Purify nucleic acids with high yield and purity from a wide range of samples including whole blood, plasma, serum, swabs, (cervical, vaginal and urethral), CSF, sputum, stool, urine. Continuous operation without user intervention Must have inbuilt mechanisms to prevent cross contamination Elution volume at least 50-200 ml Mobility, portability: Mounted on a stable laboratory table Electrical source requirements: 220V, 50 Hz Estimated Life Span: Approx. 8 years <p>Accessories:</p> <ul style="list-style-type: none"> The system should be supplied with compatible UPS system capable of maintaining operation for 45 minutes during power failure. A set of standard reagents and controls, to cover the operational training, and start-up period: instrument installation and validation for minimum 1000 tests
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>
	<p>Warranty: Two (2) years warranty should be provided.</p>
	<p>Training and Installation requirement:</p> <ul style="list-style-type: none"> Provide free installation, testing and preventive maintenance during warranty Training for users in operation and basic maintenance
	<p>Documentation requirements:</p> <ul style="list-style-type: none"> Provide traceable calibration certificate for all pipetting devices and temperature modules Guaranteed time period of support availability post-warranty shall be described. Specific inclusions and exclusions to be listed. Contact details of manufacturer, supplier and local service agent to be provided Logbook with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out; List shall be provided of equipment and procedures required for local calibration and routine maintenance Advanced maintenance tasks required shall be documented Type of service contract Software/ Hardware upgrade availability
Item 7	<p>DNA/RNA EXTRACTION KITS - AUTOMATED (for 4,800 tests)</p>
	<p>Product description: DNA/RNA extraction kits - Automated</p>
	<p>Specification:</p> <ul style="list-style-type: none"> DNA/RNA extraction kits
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses
Item 8	<p>PCR CHAMBER (3 pcs)</p>

	<p>Product description: Clean benches to provide product protection from environmental contaminants for applications requiring a particulate-free work area, including culture media and solution preparation.</p> <p>Specification:</p> <ul style="list-style-type: none"> • Nominal down flow velocity of 45-90 fpm; • HEPA Filter Efficiency: 99.99% efficient on particles at size 0.3 Micron. • Air quality: ISO 14644.1 • Sound Emission: <67 dba • UV-resistant, scratch-proof, chemically resistant, easily cleanable with a variety of sterilizing agents, powder-coated steel construction. • UV-opaque or transparent and safety glass sash and sides. • Light and blower switches and germicidal ultraviolet lamp. • Two utility ports with iris openings and plugs ETL Listing (220 volt, 50Hz models); • Should be supplied with a base stand with casters • Supplier should provide two (2) extra sets of HEPA filters • Electrical source requirements: 220V, 50Hz, Line connection plug "Type C" Euro plug or the "Type E" or "Type F" Schuko, Voltage corrector/stabilizer • User care: The case is to be cleanable with laboratory grade disinfectants <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p> <p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses <p>Training and installation requirements:</p> <ul style="list-style-type: none"> • Installation and operation checks before handover • Training of users in operation and basic maintenance shall be provided <p>Warranty: Two (2) years warranty should be provided.</p> <p>Documentation requirements:</p> <ul style="list-style-type: none"> • Guaranteed time period of support availability post-warranty shall be described • Contact details of manufacturer, supplier and local service agent to be provided
Item 9	<p>BIOSAFETY CABINS (3 pcs)</p> <p>Product description: Biosafety cabins of class II type A2</p> <p>Specification:</p> <ul style="list-style-type: none"> • Cabinet should be class II type A2 • Should be designed to discharge HEPA/ULPA-filtered exhaust air directly into the laboratory room • Safety cabinet with >99.99% efficient HEPA filtration; • Nominal inflow velocity of 0.5 m/sec • Nominal down flow velocity of 0.3 m/sec • 0% air recirculation; (70% air circulation according to Bid clarification 3) • Powder-coated steel exterior; • 10" diameter exhaust outlet with air-tight damper; • Should have sash alarm • Rolling castor stand • Electric outlet: direct mounted with gfci • Exhaust volume: 304-333cfm; • Sound pressure: <63dba • Displays all safety information on one screen with alarm

	<ul style="list-style-type: none"> • Stable air flow, despite building voltage fluctuations • Supplied in protective seal • The case is to be cleanable with laboratory grade disinfectants • Should have a UV-C germicidal lamp to sterilize the interior. • Electrical source requirements: 220-240v, 50hz; grounded power cord, Line connection plug "Type C" Euro plug or the "Type E" or "Type F" Schuko • Estimated life span: 8 years <p>Accessories:</p> <ul style="list-style-type: none"> • Supplier should provide two extra sets of HEPA filters <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p> <p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses <p>Warranty: Two (2) years warranty should be provided.</p> <p>Training and installation requirement: Provide free installation, testing and preventive maintenance during warranty. Training for users in operation and basic maintenance</p> <p>Documentation requirement:</p> <ul style="list-style-type: none"> • User manual in English and Mongolian version • List of other necessary spare parts required during one year's operation, with costs to be provided • Supplier to specify any accessories required for normal operation, stating any extra cost. • Supplier to describe any sterilization process required for accessories • Software/ hardware upgrade availability • Specific inclusions and exclusions to be listed. • Contact details of manufacturer, supplier and local service agent to be provided • Costs and types of post-warranty service contract available shall be described • Guaranteed time period of availability of spare parts post-warranty shall be described. • Guaranteed time period of support availability post-warranty for software/hardware shall be described. • Logbook with instruction for daily, weekly, monthly and quarterly maintenance checklist; • The job description of the hospital technician and company service engineer should be clearly spelt out
Item 10	<p>LAMINAR BOX (3 pcs)</p> <p>Product description: Laminar box for laboratory use</p> <p>Specification:</p> <ul style="list-style-type: none"> • Air is drawn through a HEPA filter and blown in a very smooth, laminar flow towards the user • Outer cabinet and work surface are welded stainless steel which meets laboratory equipment standard. • Should have a UV-C germicidal lamp to sterilize the interior. • Motor/blower system with speed control to extend the life of the HEPA filter • Top mounted pre-filters are easily changed. • HEPA filter is full, ensures unidirectional airflow and is easily changed from both side • Electrical source requirement: 220-240 V/50-60 Hz. • At least 5 meters' power cord with molded grounded plug • Estimated Life Span: 8 years <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>

	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>
Item 11	<p>AIR COOLER (3 pcs)</p> <p>Product description: Air conditioner</p> <p>Specification:</p> <ul style="list-style-type: none"> • With capacity of 5,000 BTU or above and 2 hp or above. • Up to 10 meters pipe would be advantage. • Displayed parameters: Display allows recording to 0.10 C accuracy • Probe and surface temperature sensors to be available <p>Accessories:</p> <ul style="list-style-type: none"> • Spare temperature sensor to be supplied <p>Training and installation requirements: Supplier to perform installation, safety and operation checks before handover Training of users in operation and basic maintenance shall be provided.</p> <p>Warranty period: Two (2) year warranty should be provided.</p> <p>Documentation requirements: Advanced maintenance and calibration tasks required shall be documented</p> <p>Conformity & regulatory requirements: QMS of the manufacturing site ISO 9001</p>
Item 12	<p>LABORATORY FURNITURE SET (3 pcs)</p> <p>Product description: Laboratory furniture set comprises with:</p> <ol style="list-style-type: none"> a) 1 pcs of Central bench with mobile pedestals b) 6 pcs of Chairs <p>Specification:</p> <p><u>Central bench:</u></p> <ul style="list-style-type: none"> • Bench top: <ul style="list-style-type: none"> ✓ should be Epoxy covered materials ✓ Should have chemical, heat resistant for lab special use. Resistant to abrasion, scratches. ✓ Should be smooth and clean with easy to maintain and long lasting. ✓ Should be corrosive resistant steel base structure and can be load up to 500KG. ✓ Dimension: (WxLxH) 1-1.5m x 2-2.5m x 0.8-1m • Bench should have mobile pedestals for each side and should be fit under the benchtop. Mobile pedestals should have with 3 drawers and locking top drawer. Should be full assembled dual overhead shelves and shelves should be height adjustable with in 10mm increments. • Electrical service outlets should be equipped on the work surface or on the overhead shelves (all sockets can be supplied with splash proof covers to enhance safety and durability). • Eye wash station placed at one side of the central bench: sink with two shower heads made of high-quality cooper, the surface is coated by epoxy, activated by hand motion sensor, the shower heads provide quick and rapid flushing, but still gentle enough not to cause injury to eyes. <p><u>Laboratory chairs:</u></p>

	<ul style="list-style-type: none"> Ergonomic and flexible with weight adjustment, seat depth adjustment, adjustable seat inclination and backrest adjustable in height. Seat height 450 – 650 mm. Hygienic design with minimal joints for easy cleaning and disinfection.
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> Resistant to all usual disinfectants and chemicals in accordance with ISO 2812. Antibacterial upholstered covering. Suitable for cleanrooms category 3 in accordance with ISO 14644-1. Adheres to biosafety level BSL2 and BSL3 of the Directive of Biological Agents. UNFPA Compliance to regulatory requirements: QMS of the manufacturing site ISO 9001
Item 13	CENTRIFUGE HIGH SPEED (3 pcs)
	<p>Product description: Centrifuge for laboratory usage, cooled, high-speed. Separates component parts of the samples by centrifugal force, has facility for several samples at once, rotated in a balanced fashion. Speed, duration and temperature of operation can be controlled by a user.</p> <p>Specification:</p> <ul style="list-style-type: none"> The routine benchtop, cooled centrifuge with microprocessor controller Max. Speed up to 14000 rpm Capacity up to 4 L Noise Level <61dba With a timer Sample tube mounting and access to be by quick and simple procedure With auto-lock system Supplied with both fixed-angle and horizontal (swinging bucket) rotor fittings Lid interlock required, lid to include seal to prevent aerosol or particle expulsion. Closed lid security system during operation Stainless steel rotor chamber Brushless motor Imbalance sensor with safety shut down Electrical supply: 220-240V, 50/60Hz, ±10%. Approx.6A Displayed parameters: <ul style="list-style-type: none"> ✓ Alert indicators are required for imbalance, lid open and cycle complete. ✓ Timer display required, showing cycle time remaining. ✓ Speed Accessories: To be supplied with swing out rotor including various types of buckets and hygienic lids: <ul style="list-style-type: none"> ✓ tube inserts for sealed rotor for 50 ml conical tube ✓ tube inserts for sealed rotor for 15 ml conical tube ✓ tube inserts for sealed rotor for 5/7 ml conical tube ✓ tube inserts for sealed rotor for 2 ml Eppendorf tube The case is to be cleanable with laboratory grade disinfectants Estimated Life Span: 5 years
	Training and installation requirement: Supplier to perform free installation training, safety and operation checks before handover.
	<p>Regulations & conformity requirements:</p> <ul style="list-style-type: none"> FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses
	Warranty: Two (2) year warranty should be provided.
	<p>Documentation requirements:</p> <ul style="list-style-type: none"> User, technical and maintenance manuals to be supplied in Mongolian language

	<ul style="list-style-type: none"> Specify all other fittings available for given model Advanced maintenance tasks required shall be documented Certificate of calibration and inspection to be provided Description of sterilization process for accessories List to be provided of equipment and procedures required for local calibration and routine maintenance List to be provided of important spares and accessories, with their part numbers and cost Contact details of manufacturer, supplier and local service agent to be provided. Logbook with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out;
Item 14	SPIN DOWN (6 pcs)
	<p>Product description: Laboratory use Spin down</p> <p>Specification:</p> <ul style="list-style-type: none"> Dimensions (W× H × D): Approximately 14-15cm x 10-13 cm x 15-18 cm Speed: Approximately 6000 rpm, 2000 x g Power Source: 220V Capacity: 8 x 1.5/2.0ml, 32 x 0.2ml, 4 x PCR Strips Weight: Up to 2 kg
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>
	<p>Warranty: One (1) year warranty should be provided.</p>
	<p>Documentation requirements: Certificate of factory calibration and inspection to be provided.</p>
Item 15	VORTEX (6 pcs)
	<p>Product description: Vortex with rubber feet for tube and flask shaking for maximum high-speed touch mixing. It should have solid metal casting.</p> <p>Specification:</p> <ul style="list-style-type: none"> Suitable for continuous operation (low heat due to ventilation of motor) Stable operation at high speeds due to silicon base feet; Infinitely adjustable speed range; Various applications possible (e.g Eppendorf tubes, microtiter plates, Erlenmeyer flasks 250 ml etc); Speed Range (Adjustable): min 200rpm and max 2500rpm; Weight: up to 5 Kg Type of movement: orbital Speed display Approximate dimensions (W x H x D): 12-15 cm x 10-15cm x 13-20cm; Permissible ambient temperature: 5 - 40 °C Permissible relative humidity: 80 % Protection class according to DIN EN 60529: IP 21 Power supply: 220 V, 50/60 Hz Mobility, portability: Yes Supplied in protective, re-closable seal.
	<p>Regulations & conformity requirements:</p>

	FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>
	Warranty: One (1) year warranty should be provided.
	Documentation requirements: Certificate of factory calibration and inspection to be provided
Item 16	LABORATORY REFRIGERATOR WITH FREEZER (6 pcs)
	<p>Product description: The laboratory upright refrigerator with freezer, with two separate, visible doors and precise electronic control</p>
	<p>Specification:</p> <ul style="list-style-type: none"> • Easy-to-clean interior with epoxy-coated; • Estimated Life Span: 8 years • With steel-wire shelves that resist most acids, solvents, and chemicals; • CFC-free insulation and coolant; • Adjustable hydraulic thermostat control and door lock; • Dimensions: W x D x H approx. 500 -550 mm x 550-600 mm x 1600-1900 mm • Refrigerator volume: 170-210 liter • Min Temp. 2°c and Max. Temp. 10°c; • Number of shelves: at least 5 • Displayed parameters: Displays settings and alerts for temperature and power supply, with large, easy-to-read digital display showing temperature within 1°C; • Freezer volume: 35-60 liter • Min Temp. -20°c and Max. Temp. -30°c; • With the microprocessor control • Electrical source requirements: 220-240V, 50Hz, Single phase • Should have grounding connector or socket should have integrated grounding sockets • Provide compatible UPS with at least 45 mins back-up
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>
	<p>Safety & product Standards: Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards providing a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <ul style="list-style-type: none"> • ISO 9001: 2015 Quality Management System. • ISO 13485:2016 Medical devices - Quality management systems. • DIN 58371:2010-09 Refrigerators for conserved blood - Definitions, requirements, testing • IEC 61010-2-011:2019 RLV Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for refrigerating equipment • Environment Certifications ISO 14001 and ISO 50001 are desirable
	Warranty: Two (2) years warranty should be provided.
	<p>Documentation requirements:</p> <ul style="list-style-type: none"> • List to be provided of equipment and procedures required for routine maintenance. • Specific inclusions and exclusions to be listed. • Contact details of manufacturer, supplier and local service agent to be provided
Item 17	AUTOCLAVE (6 pcs)
	<p>Product description: Horizontal tabletop type laboratory autoclave. A device is designed for sterilization</p>
	Specification:

	<ul style="list-style-type: none"> • Sterilizing capacity: 60-65 liter • Stainless steel, rectangular or cylinder form • Maximum pressure: not less than 2.0 kg/cm² • Temperature operating range: approx. 100 °c - 140 °c, adjustable • Control requirements: <ul style="list-style-type: none"> ✓ Automatic control of sterilizing cycle ✓ Temperature-pressure-time program cycles ✓ Test & warming program cycles ✓ Gravity cycles ✓ Audio and optical signal indicates completed sterilization cycle • Door interlock system, unopen able under pressure • Power supply: 220 V ± 10%, 50 Hz • Accessories and Consumables: <ul style="list-style-type: none"> ✓ Pressure regulator - 1pc ✓ Pressure sensor - 1pc ✓ Temperature Sensor - 1pc ✓ Fuses - 3pcs ✓ Silicone tube for chamber door - 2pcs <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p> <p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p> <p>Training and installation requirement: Onsite installation and training is required</p> <p>Warranty: Two (2) years warranty should be provided.</p> <p>Documentation requirement: List to be provided of equipment and procedures required for routine maintenance.</p>
Item 18	<p>MICROPIPETTE SET (9 sets)</p> <p>Product description: Set of micropipettes suited for small volume dispensing of aqueous fluids of moderate viscosity and density. Each micropipette set will be consisted of:</p> <ol style="list-style-type: none"> a) 1 pcs of adjustable single channel pipettes with volume of 2-20ul with increments 0.02 µl b) 1 pcs of adjustable single channel pipettes with volume of 10-100 ul with increments 0.1 µl c) 1 pcs of adjustable single channel pipettes with volume of 20-200ul with increments 0.02 µl; d) 1 pcs of adjustable single channel pipettes with volume of 100–1,000 µl with increments 1 µl e) 1 pcs of multichannel pipette, 8 channel pipette with volume of 5 to 50 µl with length of 23-25 cm. f) 2880 pcs of pipette tips with volume of 2-20 µl g) 960 pcs of pipette tips with volume of 200 µl; h) 960 pcs of pipette tips with volume of 1,000 µl i) 3 pcs of pipette stands <p>Specification:</p> <ul style="list-style-type: none"> • Should be ergonomic, flexible and robustness; pipette should be with adjustable volume • Provided with automatic tip-eject feature • Should be made of an organic polymer which is resistant to heat, mildew, bleaches, acids and alkalies, sunlight, aging, and abrasion, Stainless steel piston. PVDF handle. • Pipettes' accuracy should be ±10 to 2.5% and precision should be 8.0 to 2.0%; • Any color • Compact and robust design allowing for operating comfort • Multifunctional button for the measuring stroke, the blow-out and ejecting the tip • Pipette tips will be:

	<ul style="list-style-type: none"> ✓ filtered pipette tips. ✓ Purity grade of tubes and tips according to the minimal standards for In Vitro applications. ✓ Tips will consist of 3 types of tips as follow. • Pipette stands will be: <ul style="list-style-type: none"> ✓ Carousel stand holds up to 5 pipettes (single and multichannel pipettes), ✓ Rotates for easy access, sturdy, safe. ✓ Weighted base keeps the stand upright and prevents tipping ✓ Cleanable with alcohol or chlorine wipes <p>Warranty requirement: One (1) year warranty is required.</p> <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p> <p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>
Item 19	<p>LABORATORY THERMOMETER SET (3 sets)</p> <p>Product description: Thermometer set to measures temperature in a laboratory context. Each set should contain:</p> <ol style="list-style-type: none"> a) 2 pcs of thermometers for refrigerator with temperature range -9.9° to + 40°C approx b) 2 pcs of thermometers for deep freezer with temperature range 40°c to + 40°c approx c) 3 pcs of room type thermometers with temperature range of 0-40°c approx. <p>Specification:</p> <ul style="list-style-type: none"> • Non-mercury thermometers • Traceable digital thermometer is preferable • Displayed parameters: Display allows recording to 0.1 degree C accuracy <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p> <p>Warranty requirement: One (1) year warranty is required.</p> <p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>
Item 20	<p>VIRUS TRANSPORT MEDIUM WITH SWABS (4000 pcs)</p> <p>Product description: Virus transport medium with swabs collection kit</p> <p>Specification:</p> <ul style="list-style-type: none"> • Tube Volume: 10-13ml • Applicator Material- Plastic • Medium Volume: 3ml • Swab Material: Nylon Flocked • Swab Option: Nasopharyngeal, cervical, urethrial • Sterilization: EO <p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p> <p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>

Item 21	SAMPLE TRANSPORT BOX (3 pcs)
	<p>Product description: A Transport box with ability to transport of samples maintaining the storage temperature specified. The transport box should consist of two (2) packaging:</p> <ol style="list-style-type: none"> Portable outer packaging box and Secondary packaging bag
	<p>Specification:</p> <ul style="list-style-type: none"> Watertight/leak-proof secondary packaging with absorbent material to be placed into outer packaging Portable outer packaging box: <ul style="list-style-type: none"> ✓ Lightweight, made by waterproof, scuff-resistant material ✓ - Suitable for temperature sensitive shipments, accommodate tubes, vials, ampoules, small bottles, and tissue flasks with space for refrigerants. ✓ - Must be marked with infectious substance hazard label Category A Biohazard bag, 95kpa tested to be used for placing the primary receptacles (blood tube, urine container and etc.) Absorbent material must be sufficient to absorb the entire contents for at least 100 samples. Absorbent material should be vernagel, cotton wool Cushioning material should be cotton wool Packaging must be capable of temperatures in the range of -40oc to +55oc User care: Unit layout to enable easy cleaning and disinfection of all surfaces.
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>
Item 22	HANDHELD LABEL PRINTER (3 pcs)
	<p>Product description: Small printer to create self-adhesive labels for laboratory specimens</p>
	<p>Specification:</p> <ul style="list-style-type: none"> Color capability: Single color printing, Clear, legible printing even on the smallest labels using the smallest fonts and text won't smear from handling. Display: LCD Keyboard: Qwerty layout of keys Multiline print: Print resolution: 300dpi Print Rotation Auto-serialization; one touch time and date stamping, lab-specific symbols; Labels with withstand: Inclusive a large set of labels: Well Plate Labels; Slide Labels Power supply requirement: <ul style="list-style-type: none"> ✓ Main power 220V, 50Hz ✓ Rechargeable battery and charging station ✓ Line connection plug "Type C" Europlug or "Type E" and "Type F" Schuko
	<p>Accessories and spare parts:</p> <ul style="list-style-type: none"> All the needed spare parts should be supplied for at least 2 years of use. Spare parts should be available in Mongolia
	<p>Warranty requirement: Two (2) year warranty is required.</p>
	<p>Documentation requirement:</p> <ul style="list-style-type: none"> User manual to be supplied in English or Russian Service manual to be supplied in English or Russian Maintenance manual to be supplied in English or Russian List of important spare parts and accessories with their part number and price

2.2 General requirements

1. Manufacturer's authorization letter will be required for each item a bidder quote for.
2. Successful Bidder must have the capacity to perform full Commissioning. This is inclusive of the following:
 - Delivery to sites,
 - a. Urguu maternity hospital in Ulaanbaatar, Mongolia
 - b. Amgalan maternity hospital in Ulaanbaatar, Mongolia
 - c. Maternity and Neonatal Health Center – 2 in Ulaanbaatar, Mongolia
 - Set Up and Commissioning (SC) (EC)
 - One time User Training (UT)
 - After Sales Service
3. The equipment must be new, not used, produced not earlier than 2021
4. It must be provided full graphic illustrated original technical literature at least in English describing the equipment offered, detailing the specifications shall be supplied with the bid and operation instructions, installation, maintenance and cleaning, storage conditions, safe disposal, training, etc.
5. The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during warranty period.
6. A detailed Price Schedule Form (Annex 5) of the equipment describing the parts and accessories offered as requested by the specification together with their make, model, country of origin, unit price, quantity, total price, ref. numbers of accessories and the period of warranty offered etc. shall be compulsorily provided with the bid, as well as the cost of the services.
7. The equipment shall be covered by a comprehensive "Parts & Labour" warranty for the period of not less than 24-36 calendar months from the date of successful Installation & commissioning as specified in the technical requirement.
8. Successful bidders must have capability to provide after-sales support for a minimum of 3 years, with a local representative, in order to reduce the downtime to an extremely short period.
9. Successful bidders must guarantee with the local representative the stock of spare parts to reduce on downtime.
10. Software upgrades where needed should be free of charge to the purchaser.
11. Successful bidders must provide details of all other available fittings with specifications and costs for pre-installation requirements (if relevant).
12. For sterile products, expiration date should not exceed 5 years from date of sterilization.

Packaging and labelling

13. All paper and cardboard secondary packing should be FSC marked. Plastic used in secondary packing will gradually be required to be fully biodegradable.
14. For products supplied sterile or for single use disposable devices, the label should clearly state STERILE and/or DISPOSABLE or SINGLE USE (or equivalent harmonised symbols). Additionally, a date of expiry is to be stated with clear indication to expiry year and month before which the device is considered to be safe to use. In order to verify the stated shelf life, the date of manufacture must be included in the label. Label should include the used sterilization method where applicable
15. Information for particular storage conditions that apply (temperature, pressure, light, humidity, etc., as appropriate must read in the package (or equivalent harmonised symbols)

16. Information for handling (e.g. warnings) or instructions for use, if applicable (or equivalent harmonised symbols)
17. For devices that have CE marking approval, the CE mark should be on the item itself, or on the primary packaging as appropriate. Please note: if on device itself, this should not be removable during handling, use or cleaning of the device.

2.3 Schedule of Requirements

The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during 2 years following commencement of the use of the goods by UNFPA.

1. List of Goods and Delivery Schedule				
Line Item	Description of Goods	Quantity	Unit of measure	Delivery Schedule from date of Contract
Item 1	Real time pcr system	3	each	4-6 weeks is desirable
Item 2	PCR diagnostic kit for SARS-COV-19	3000	Test	4-6 weeks is desirable
Item 3	PCR diagnostic kit for sti and reproductive infections including ct, ng, mg, uu, up and tv	1000	Test	4-6 weeks is desirable
Item 4	Manual dna/rna extraction kits	4000	Test	4-6 weeks is desirable
Item 5	HPV diagnostic kit for 28 hpv subtypes	1000	Test	4-6 weeks is desirable
Item 6	Nucleic acid purification system	3	Each	4-6 weeks is desirable
Item 7	DNA/RNA extraction kits – automated	4800	Test	4-6 weeks is desirable
Item 8	PCR chamber	3	each	4-6 weeks is desirable
Item 9	Biosafety cabins	3	each	4-6 weeks is desirable
Item 10	Laminar box	3	each	4-6 weeks is desirable
Item 11	Air cooler	3	each	4-6 weeks is desirable
Item 12	Laboratory furniture set	3	each	4-6 weeks is desirable
Item 13	Centrifuge high speed	3	each	4-6 weeks is desirable
Item 14	Spin down	6	each	4-6 weeks is desirable
Item 15	Vortex	6	each	4-6 weeks is desirable
Item 16	Laboratory refrigerator with freezer	6	each	4-6 weeks is desirable
Item 17	Autoclave	6	each	4-6 weeks is desirable
Item 18	Micropipette set	9	each	4-6 weeks is desirable
Item 19	Laboratory thermometer set	3	each	4-6 weeks is desirable
Item 20	Virus transport medium with swabs	4000	each	4-6 weeks is desirable
Item 21	Sample transport box	3	each	4-6 weeks is desirable
Item 22	Handheld label printer	3	each	4-6 weeks is desirable

2. Consignee Address and Consignee-wise Quantity Distribution				
Consignee Address	Contact person	Line Item	Quantity	Unit of measure
<i>a. Urguu Maternity hospital in Enkhtaivan avenue, 1st sub-district, Sukhbaatar district, Ulaanbaatar, Mongolia.</i>	<i>Jargalsaikhan.B, Logistic focal point, UNFPA Mongolia, 3535305(3359</i>	Item 1	1	each
		Item 2	1000	Test
		Item 3	300	Test
		Item 4	1250	Test
		Item 5	300	Test
		Item 6	1	Each
		Item 7	1600	Test
		Item 8	1	each
	<i>Dr. Enkhtsetseg, Director of the hospital, Phone: 99992999</i>			

		Item 9	1	each
		Item 10	1	each
		Item 11	1	each
		Item 12	1	each
		Item 13	1	each
		Item 14	2	each
		Item 15	2	each
		Item 16	2	each
		Item 17	2	each
		Item 18	3	each
		Item 19	1	each
		Item 20	1300	each
		Item 21	1	each
		Item 22	1	each
<i>b. Amgalan Maternity hospital, Enkhtaivan avenue, Bayanzurkh district, Ulaanbaatar, Mongolia.</i>	<i>Jargalsaikhan.B, Logistic focal point, UNFPA Mongolia, 3535305(3359 Dr. Batbold, director of the hospital, Phone: 91916585</i>	Item 1	1	each
		Item 2	1000	Test
		Item 3	300	Test
		Item 4	1250	Test
		Item 5	300	Test
		Item 6	1	Each
		Item 7	1600	Test
		Item 8	1	each
		Item 9	1	each
		Item 10	1	each
		Item 11	1	each
		Item 12	1	each
		Item 13	1	each
		Item 14	2	each
		Item 15	2	each
		Item 16	2	each
		Item 17	2	each
		Item 18	3	each
		Item 19	1	each
		Item 20	1300	each
		Item 21	1	each
		Item 22	1	each
<i>c. MNHC-2 in Ulziit street, 21st sub-district, Khan-Uul district, Ulaanbaatar, Mongolia</i>	<i>Jargalsaikhan.B, Logistic focal point, UNFPA Mongolia, 3535305(3359) Dr. Erdenetuya, director of the hospital, Phone: 77552201</i>	Item 1	1	each
		Item 2	1000	Test
		Item 3	400	Test
		Item 4	1500	Test
		Item 5	400	Test
		Item 6	1	Each
		Item 7	1600	Test
		Item 8	1	each
		Item 9	1	each
		Item 10	1	each
		Item 11	1	each
		Item 12	1	each
		Item 13	1	each
		Item 14	2	each
		Item 15	2	each
		Item 16	2	each
		Item 17	2	each
		Item 18	3	each
		Item 19	1	each

		Item 20	1400	Each
		Item 21	1	Each
		Item 22	1	Each

3. List of Related Services and Completion Schedule

[This table shall be filled in by UNFPA. The required completion dates should be realistic, and consistent with the required goods delivery dates (as per INCOTERMS)]

No.	Description of Service	Quantity (if applicable)	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
1	Set Up and Commissioning of equipment to be provided.	As specified in the technical specification	As per technical specification	Urguu Maternity hospital, Amgalan Maternity hospital and MNHC-2 in Ulaanbaatar, Mongolia	7 working days
2	Training for End User and Maintenance personnel.	As specified in the technical specification	As per technical specification	Same as above	Training to be completed immediately after installation
3	After Sales Service: Preventive and corrective maintenance	As specified in the technical specification	As per technical specification	Same as above	After warranty period

SECTION III: UNFPA General Conditions of Contract

The General Conditions of Contract can be found at:

<http://www.unfpa.org/resources/unfpa-general-conditions-contract>

SECTION IV: UNFPA Special Conditions for Contracts

WARRANTY	Warranty Services required are included in Section II: Technical Specifications and Schedule of Requirements.
GOODS AND SERVICES DEFINED	<p>Goods are hereinafter deemed to include, without limitation, equipment, spare parts, commodities, raw materials, components, customized and standard software as required, intermediate products and products which the Supplier is required to supply under the Purchase Order.</p> <p>Services are to include design, installation and commissioning, training services, technical assistance and warranty services as required to supply in the Purchase Order.</p>
AFTER SALES SERVICES	After sales service should be provided to all the items in Section II that require after sales services i.e. essential parts of the device or service to be provided post-sales to establish or maintain a functional product; such as items that contain accessories, spare parts or similar, and/or items that need after sales support in terms of updating, assembly, training, repair or maintenance
TRANSPORTATION AND FREIGHT	<p>Responsibility for transportation of the Goods shall be as specified in the INCOTERMS.</p> <p>All non-containerized Goods must be shipped below deck</p> <p>Partial shipment <i>is not</i> allowed. Transhipment <i>is not</i> allowed.</p>
SHIPPING AND PAYMENT INSTRUCTIONS	<p>Access the following link for shipping and payment instructions:</p> <p>Shipping Instructions</p>
LIQUATED DAMAGES	In the event of a Contract being issued and in case the Vendor fails to deliver all the goods by the date or dates of delivery specified in the Purchase Order, UNFPA reserves the rights to claim liquidated damages from the Vendor and deduct 2% of the value of the goods pursuant to the Purchase Order per additional week of delay, up to a maximum of 10% of the value of the Purchase Order. The payment or deduction of such liquidated damages shall not relieve the Vendor from any of its other obligations or liabilities pursuant to any current Long Term Agreement or Purchase Order.

SECTION V: Bidding Forms

The following checklist is provided as a courtesy to Bidders. Please use this checklist while preparing the bid to ensure that your bid contains all required information. This checklist is for the Bidder's internal reference and does not need to be submitted with the bid.

ACTIVITY	LOCATION	YES / NO/ NOT APPLICABLE	REMARKS
Have you noted the bid closing deadline?	Cover letter, #5		
Have you read and understood all of the Instructions to Bidders in Section I of the bidding documents?	Section I		
Have you reviewed and agreed to the UNFPA General Conditions of Contract?	Section III		
Have you reviewed and agreed to the UNFPA Special Conditions for Contracts?	Section IV		
Have you completed the Bid Confirmation Form?	Section V, 1		
Have you completed the Bid Submission Form?	Section V, 2		
Have you completed the Bidder's Identification Form?	Section V, 3		
Have you completed the Product Item Overview Form?	Section V, 4		
Have you completed and signed the Price Schedule Form?	Section V, 5		
Have you reviewed all of the relevant contract form(s)?	Section VI		
Have you provided evidence that your firm is established as a company and legally incorporated in the country where it resides?	Section I, Sub-Clause 7.2, a		
Have you prepared a copy of your valid manufacturing license from the country of manufacturing?	Section I, Sub-Clause 7.2, b.		
Have you provided written confirmation that your company is neither suspended by the United Nations system nor debarred by the World Bank Group?	Section I, Sub-Clause 2.4		
Have you prepared documentary evidence that the goods conform to the technical specifications and standards specified in Section II Technical Specifications and Schedule of Requirements?	Section I, Sub-Clause 7.3, a.		
Have you prepared product catalogues containing pictures of the product(s)?	Section I, Sub-Clause 7.3, c.		
Have you prepared the manufacturer's technical product specifications or data sheets?	Section I, Sub-Clause 7.3, d.		
Have you provided the results of any testing carried out on the products?	Section I, Sub-Clause 7.3, a.		
Have you provided any copies of current certificates such as GMP/Quality,	Section I, Sub-Clause 7.3, f.		

FSC/PPP, manufacturer's ISO certificate for the product, manufacturer's CE certificate, USA510k, Japan QS standard, etc. as stated in the Technical Specifications and Schedule of Requirements, in Section II?			
Have you provided a copy of the valid authorization letter issued by the manufacturer for each product, if you are not the manufacturer?	Section I, Sub-Clause 7.3, g.		
Have you furnished a list of full particulars, regarding the available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functions of the goods within the Product Item Overview Form, Section V, 5?	Section I, Sub-Clause 7.3, h.		
Have you sealed and marked the bids according to Instructions to Bidders Clause 13 (hard copy bids) or Clause 14 (electronic bids)?	Section I, Sub-Clause 13 & 14		
If submitted electronically, is the file size of the bid less than 10MB? (If the file size is above 10MB, refer to Instructions to Bidders Sub-Clause 14.4)	Section I, Sub-Clause 14.4		
Have you prepared a copy of the previous year's audited company Balance and Financial Statements?	Section I, Sub-Clause 27.3		
For non-manufacturer Bidders: Have you provided a legally enforceable authorization from the manufacturer, assuring full guarantee and warranty obligations as per the tender conditions for the goods offered?	Section I, Sub-Clause 27.3, a.		
Have you provided evidence that you, as authorized by the manufacturers, have supplied and provided after sales service for similar goods to the extent of at least 20 percent of the quantities indicated in the tender requirements in any one of the last three years, and that the goods are in satisfactory operation?	Section I, Sub-Clause 27.3, b.		

1. Bid Confirmation Form

[Complete this page and return it prior to bid opening]

Date:

To: UNFPA Fax/email: *[Insert UNFPA contact person's fax or email (Not the secure bid fax no./email address)]*
[Insert name of Office & contact person]

From: *[Company name]*
[Contact person]
[Telephone]
[Email address]
[Postal address]

Subject: ITB No.: UNFPA/MNG/ITB/22/001

YES, we intend to submit an bid.

NO, we are unable to submit a bid in response to the above mentioned Invitation to Bid due to the following reason(s):

- The requested products and services are not within our range of supply
- We are unable to submit a competitive bid for the requested products at the moment
- The requested products are not available at the moment
- We cannot meet the requested specifications
- We cannot offer the requested type of packing
- We can only offer FCA prices
- The information provided for quotation purposes is insufficient
- Your ITB is too complicated
- Insufficient time is allowed to prepare a quotation
- We cannot meet the delivery requirements
- We cannot adhere to your terms and conditions (please specify: payment terms, request for performance security, etc)
- We do not export
- Our production capacity is currently full
- We are closed during the holiday season
- We had to give priority to other clients' requests
- We do not sell directly, but through distributors
- We have no after-sales service available in the recipient country
- The person handling bid is away from the office
- Other (please specify)

Please confirm one of the following two options:

- We would like to receive future ITBs for this type of goods
- We don't want to receive ITBs for this type of goods

If UNFPA has questions to the Bidder concerning this NO BID, UNFPA should contact Mr./Ms. _____, phone/email _____, who will be able to assist.

2. Bid Submission Form

[The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid Submission]*
ITB No.: UNFPA/MNG/ITB/22/001

To: Complete name of Purchaser, UNFPA

Dear Sir / Madam,

We the Undersigned have examined and have no reservations to the Bidding Documents No. UNFPA/MNG/ITB/22/001 and amendments We hereby offer to supply, in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements, the following goods and related services _____ which are subject to UNFPA General Conditions of Contract and other terms and conditions specified in the document.

We agree to abide by this bid for a period of 90 days days from the date fixed for opening of bids in the Invitation to Bid, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

We, including any subcontractors or suppliers for any part of the contract, have nationality from countries _____ *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier; otherwise buyer should delete this text if non-applicable]*

We have no conflict of interest in accordance with Instructions to Bidders Sub-Clause 2.1;

Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—have not been declared ineligible by UNFPA, in accordance with Instructions to Bidders Sub-Clause 2.2;

We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Dated onday of[year].

Signature:
[insert signature of person whose name and capacity are shown]

In the capacity
of: *[insert legal capacity of person signing the Bid Submission Form]*

Name:
[insert complete name of person signing the Bid Submission Form]

Company:
[insert name of company]

3. Bidders Identification Form
Bid No. UNFPA/MNG/ITB/22/001

1. Organization

Company/Institution Name	
Address, City, Country	
Telephone/FAX	
Website	
Date of establishment	
Legal Representative: Name/Surname/Position	
Legal structure: natural person/Co.Ltd, NGO/institution/other (please specify)	
Organizational Type: Manufacturer, Wholesaler, Trader, Service provider, etc.	
Areas of expertise of the organization	
Current Licenses, if any, and permits (with dates, numbers and expiration dates)	
Years supplying to UN organizations	
Years supplying to UNFPA	
Production Capacity	
Subsidiaries in the region (please indicate names of subsidiaries and addresses, if relevant to the bid)	
Commercial Representatives in the country: Name/Address/Phone (for international companies only)	

2. Quality Assurance Certification

International Quality Management System (QMS)	
List of other ISO certificates or equivalent certificates	
Presence and characteristics of in-house quality control laboratory (if relevant to bid)	

3. Expertise of Staff

Total number of staff	
-----------------------	--

Number of staff involved in similar supply contracts	
--	--

4. Client Reference List

Please provide references of main client details.

Name of company	Contact person	Telephone	E-mail
1.			
2.			
3.			

5. Contact details of persons that UNFPA may contact for requests for clarification during bid evaluation

Name/Surname	
Telephone Number (direct)	
Email address (direct)	

P.S.: This person must be available during the next two weeks following receipt of bid

4. Product Item Overview Form

Item №	Description and minimum /mandatory specifications	Description of items offered and Bidder's statements on deviations (To be completed by the Bidder)	Shelf life/ Warranty proposed by the bidder (As applicable)	Compliant? (Y/N) (To be completed by UNFPA during evaluation)
Item 1	<p>REAL TIME PCR SYSTEM (3 pcs)</p> <p>Product description: Real-Time PCR System to conduct PCR-based nucleic acid tests to infections, Automated, multiplex real-time amplification and detection system, IVD. Open system able to operate with reagents of diverse suppliers</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Sample format: 96-well plates, 8-tube strips • Temp. Range: 0-100°C • Max ramp rate heating: 4 - 7°C • Average ramp rate cooling: 2 - 4°C • Lid: heats up to 105°C • Accuracy: ±0.2°C • Uniformity: ±0.4°C well-to-well • Multiplex analysis: 4 - 6 targets • Gradient operational range: 30-100°C • Gradient programmable span: 1–25°C • Supplied with computer and printer, integrated with LIS, and with Rapid finder analysis software • The case is to be cleanable with laboratory grade disinfectants • Range of excitation/emission wavelengths (nm): 300–800 nm • Related accessories, controls, supplies and devices needed for complete installation and full operation for at least 300 tests will be 			

	<p>included. Description of any sterilization process required for accessories</p> <ul style="list-style-type: none"> • Supplied in protective, re-closable seal • Estimated Life Span: 5 years • Power supply: Main power / Electrical source requirements: 220-240V, 50Hz. Line connection plug "Type C" Euro plug or the "Type E" or "Type F" Schuko • Protections against over-voltage line conditions: 1500W UPS with power stabilization are available in the hospital, if not sufficient include into the offer that capable of maintaining operation for at least 45 minutes during power failure. 			
	<p>Regulations & conformity requirements:</p> <ul style="list-style-type: none"> • FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar 			
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			
	<p>Warranty: Two (2) years warranty should be provided.</p>			
	<p>Packaging & Labelling: Product's labels must contain at least manufacturer identification, address of the manufacturing site, model, or product's code, serial number, date of manufacturing.</p>			
	<p>Training and installation requirement: Installation and testing before handover are required. Training for users in operation and basic maintenance Training for technicians on the preventive maintenance of each unit</p>			

	<p>Documentation requirement:</p> <ul style="list-style-type: none"> • Certificate of calibration and inspection to be provided. • User manual in English and Mongolian version • List of equipment and procedures required for local calibration and routine maintenance • List of important spares and accessories, with their part numbers and price • Contact details of manufacturer, supplier and local service agent to be provided • Logbook with instruction for daily, weekly, monthly and quarterly maintenance checklist; • The job description of the hospital technician and company service engineer should be clearly spelt out; 			
Item 2	PCR DIAGNOSTIC KIT FOR SARS-COV-19 (for 3000 tests)			
	<p>Product description: PCR diagnostic kit for SARS-COV-19</p> <p>Specifications:</p> <ul style="list-style-type: none"> • PCR diagnostic kit for SARS-COV-19 			
	<p>Regulations & conformity requirements:</p> <ul style="list-style-type: none"> • FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar 			
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			

Item 3	PCR DIAGNOSTIC KIT FOR STI AND REPRODUCTIVE INFECTIONS INCLUDING CT, NG, MG, UU, UP AND TV (for 1000 tests)			
	Product description: PCR diagnostic kit for STI and Reproductive infections including CT, NG, MG, UU, UP and TV			
	Specifications: <ul style="list-style-type: none"> • PCR diagnostic kit for STI and Reproductive infections including CT, NG, MG, UU, UP and TV for 1000 tests 			
	Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar			
	Safety & product Standards: <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			
Item 4	MANUAL DNA/RNA EXTRACTION KITS (for 4000 tests)			
	Product description: A kit designed for rapid manual and automated small-scale preparation of DNA/RNA and suitable for use with cell-free bodily fluids such as serum or plasma samples, blood samples or vaginal, cervical swab types. Specifications: <ul style="list-style-type: none"> • Kit size: suitable for 4000 tests • Specimen type: Nasal, urethral, cervical swab • Application: PCR, RT-PCR, sequencing, supplied with required buffers and magnetic beads and enhanced buffers. For purification. 			

	<ul style="list-style-type: none"> Automated extraction systems: Allow easy automation on common liquid handling instruments or automated magnetic separators Number of samples: up to 96 samples Washing the beads: Shaking or mixing Shelf life: 12-24 months from the date of manufacture Estimated weight: 1.7 kg and volume 0.001m³ Storage condition: <ul style="list-style-type: none"> ✓ Enhancer Buffer must be stored at -25°C to -15°C ✓ Proteinase K must be stored at 2°C to 8°C ✓ Magnetic Beads M must be stored at 2°C to 8°C Others must be stored at 0°C to 30°C 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			
Item 5	HPV DIAGNOSTIC KIT FOR 28 HPV SUBTYPES (for 1000 tests)			
	<p>Product description: Multiplex real-time PCR for the separate detection of - HPV 16, HPV 18 and other high-risk genotype 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68</p>			

	<p>Specification:</p> <ul style="list-style-type: none"> • Genotype specific single-stranded linear probes for highly specific detection of targeted high-risk HPV genotypes to avoid cross-reactivity with non-targeted HPV types • True cellular internal control for high reliability and confidence in HPV-negative test results • External controls: negative control and positive control • Assay performance • Clinical Sensitivity and Specificity in Referral Population: High Risk HPV Detection Clinical Sensitivity: 97.5%**; Clinical Specificity: 99.4%** • Instrumentation • Extraction: m2000sp, m24; Amplification and Detection: m2000rt • Amenable to automated sample handling and assay systems Utilization of the UDG system to prevent carry-over contamination • Reported results • Qualitative detection of 14 High Risk HPV types, typing of HPV 16 and/or HPV 18, single and mixed infections • Automated extraction, sampling and handling of assay systems • Input volume: 400ul • Regulatory and QMS requirements • IMDRF/ GHTF considerations and all other UNFPA generic specifications to be followed specifications 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			

	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			
Item 6	<p>NUCLEIC ACID PURIFICATION SYSTEM (3 pcs)</p> <p>Product description: Fully automated nucleic acid extraction instrument, designed for high throughput automatic isolation & purification of nucleic acids.</p> <p>Specification:</p> <ul style="list-style-type: none"> • Automated (fully), high-throughput extraction instrument. • Output: Total nucleic acid (virus DNA/RNA, genome DNA) ready for amplification and detection on RT-PCR testing; both RNA and DNA from viruses, bacteria. • Handle different types of samples simultaneously • Capacity: Flexible number of samples (16-48 samples) • Purify nucleic acids with high yield and purity from a wide range of samples including whole blood, plasma, serum, swabs, (cervical, vaginal and urethral), CSF, sputum, stool, urine. • Continuous operation without user intervention • Must have inbuilt mechanisms to prevent cross contamination • Elution volume at least 50-200 ml 			

	<ul style="list-style-type: none"> • Mobility, portability: Mounted on a stable laboratory table • Electrical source requirements: 220V, 50 Hz • Estimated Life Span: Approx. 8 years <p>Accessories:</p> <ul style="list-style-type: none"> • The system should be supplied with compatible UPS system capable of maintaining operation for 45 minutes during power failure. • A set of standard reagents and controls, to cover the operational training, and start-up period: instrument installation and validation for minimum 1000 tests 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>			
	<p>Warranty: Two (2) years warranty should be provided.</p>			
	<p>Training and Installation requirement:</p> <ul style="list-style-type: none"> • Provide free installation, testing and preventive maintenance during warranty • Training for users in operation and basic maintenance 			
	<p>Documentation requirements:</p> <ul style="list-style-type: none"> • Provide traceable calibration certificate for all pipetting devices and temperature modules • Guaranteed time period of support availability post-warranty shall be described. 			

	<ul style="list-style-type: none"> • Specific inclusions and exclusions to be listed. • Contact details of manufacturer, supplier and local service agent to be provided • Logbook with instruction for daily, weekly, monthly and quarterly maintenance checklist. • The job description of the hospital technician and company service engineer should be clearly spelt out; • List shall be provided of equipment and procedures required for local calibration and routine maintenance • Advanced maintenance tasks required shall be documented • Type of service contract • Software/ Hardware upgrade availability 			
Item 7	DNA/RNA EXTRACTION KITS - AUTOMATED (for 4,800 tests)			
	Product description: DNA/RNA extraction kits - Automated			
	Specification: <ul style="list-style-type: none"> • DNA/RNA extraction kits 			
	Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar			
	Safety & product Standards: <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			

Item 8	PCR CHAMBER (3 pcs)			
	<p>Product description: Clean benches to provide product protection from environmental contaminants for applications requiring a particulate-free work area, including culture media and solution preparation.</p> <p>Specification:</p> <ul style="list-style-type: none"> • Nominal down flow velocity of 45-90 fpm; • HEPA Filter Efficiency: 99.99% efficient on particles at size 0.3 Micron. • Air quality: ISO 14644.1 • Sound Emission: <67 dba • UV-resistant, scratch-proof, chemically resistant, easily cleanable with a variety of sterilizing agents, powder-coated steel construction. • UV-opaque or transparent and safety glass sash and sides. • Light and blower switches and germicidal ultraviolet lamp. • Two utility ports with iris openings and plugs ETL Listing (220 volt, 50Hz models); • Should be supplied with a base stand with casters • Supplier should provide two (2) extra sets of HEPA filters • Electrical source requirements: 220V, 50Hz, Line connection plug "Type C" Euro plug or the "Type E" or "Type F" Schuko, Voltage corrector/stabilizer • User care: The case is to be cleanable with laboratory grade disinfectants 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards:</p>			

	<ul style="list-style-type: none"> QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			
	<p>Training and installation requirements:</p> <ul style="list-style-type: none"> Installation and operation checks before handover Training of users in operation and basic maintenance shall be provided 			
	<p>Warranty: Two (2) years warranty should be provided.</p>			
	<p>Documentation requirements:</p> <ul style="list-style-type: none"> Guaranteed time period of support availability post-warranty shall be described Contact details of manufacturer, supplier and local service agent to be provided 			
Item 9	BIOSAFETY CABINS (3 pcs)			
	<p>Product description: Biosafety cabins of class II type A2</p> <p>Specification:</p> <ul style="list-style-type: none"> Cabinet should be class II type A2 Should be designed to discharge HEPA/ULPA-filtered exhaust air directly into the laboratory room Safety cabinet with >99.99% efficient HEPA filtration; Nominal inflow velocity of 0.5 m/sec Nominal down flow velocity of 0.3 m/sec 0% air recirculation; (70% air circulation according to Bid clarification 3) Powder-coated steel exterior; 			

	<ul style="list-style-type: none"> • 10” diameter exhaust outlet with air-tight damper; • Should have sash alarm • Rolling castor stand • Electric outlet: direct mounted with gfci • Exhaust volume: 304-333cfm; • Sound pressure: <63dba • Displays all safety information on one screen with alarm • Stable air flow, despite building voltage fluctuations • Supplied in protective seal • The case is to be cleanable with laboratory grade disinfectants • Should have a UV-C germicidal lamp to sterilize the interior. • Electrical source requirements: 220-240v, 50hz; grounded power cord, Line connection plug "Type C" Euro plug or the "Type E" or "Type F" Schuko • Estimated life span: 8 years <p>Accessories:</p> <ul style="list-style-type: none"> • Supplier should provide two extra sets of HEPA filters 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			
	<p>Warranty: Two (2) years warranty should be provided.</p>			

	<p>Training and installation requirement: Provide free installation, testing and preventive maintenance during warranty. Training for users in operation and basic maintenance</p>			
	<p>Documentation requirement:</p> <ul style="list-style-type: none"> • User manual in English and Mongolian version • List of other necessary spare parts required during one year's operation, with costs to be provided • Supplier to specify any accessories required for normal operation, stating any extra cost. • Supplier to describe any sterilization process required for accessories • Software/ hardware upgrade availability • Specific inclusions and exclusions to be listed. • Contact details of manufacturer, supplier and local service agent to be provided • Costs and types of post-warranty service contract available shall be described • Guaranteed time period of availability of spare parts post-warranty shall be described. • Guaranteed time period of support availability post-warranty for software/hardware shall be described. • Logbook with instruction for daily, weekly, monthly and quarterly maintenance checklist; • The job description of the hospital technician and company service engineer should be clearly spelt out 			
Item 10	<p>LAMINAR BOX (3 pcs)</p> <p>Product description: Laminar box for laboratory use</p> <p>Specification:</p>			

	<ul style="list-style-type: none"> • Air is drawn through a HEPA filter and blown in a very smooth, laminar flow towards the user • Outer cabinet and work surface are welded stainless steel which meets laboratory equipment standard. • Should have a UV-C germicidal lamp to sterilize the interior. • Motor/blower system with speed control to extend the life of the HEPA filter • Top mounted pre-filters are easily changed. • HEPA filter is full, ensures unidirectional airflow and is easily changed from both side • Electrical source requirement: 220-240 V/50-60 Hz. • At least 5 meters’ power cord with molded grounded plug • Estimated Life Span: 8 years 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>			
<p>Item 11</p>	<p>AIR COOLER (3 pcs)</p> <p>Product description: Air conditioner</p> <p>Specification:</p> <ul style="list-style-type: none"> • With capacity of 5,000 BTU or above and 2 hp or above. • Up to 10 meters pipe would be advantage. 			

	<ul style="list-style-type: none"> Displayed parameters: Display allows recording to 0.10 C accuracy Probe and surface temperature sensors to be available <p>Accessories:</p> <ul style="list-style-type: none"> Spare temperature sensor to be supplied 			
	<p>Training and installation requirements: Supplier to perform installation, safety and operation checks before handover Training of users in operation and basic maintenance shall be provided.</p>			
	<p>Warranty period: Two (2) year warranty should be provided.</p>			
	<p>Documentation requirements: Advanced maintenance and calibration tasks required shall be documented</p>			
	<p>Conformity & regulatory requirements: QMS of the manufacturing site ISO 9001</p>			
Item 12	LABORATORY FURNITURE SET (3 pcs)			
	<p>Product description: Laboratory furniture set comprises with:</p> <ul style="list-style-type: none"> c) 1 pcs of Central bench with mobile pedestals d) 6 pcs of Chairs <p>Specification:</p> <p><u>Central bench:</u></p> <ul style="list-style-type: none"> Bench top: <ul style="list-style-type: none"> ✓ should be Epoxy covered materials ✓ Should have chemical, heat resistant for lab special use. Resistant to abrasion, scratches. ✓ Should be smooth and clean with easy to maintain and long lasting. 			

	<ul style="list-style-type: none"> ✓ Should be corrosive resistant steel base structure and can be load up to 500KG. ✓ Dimension: (WxLxH) 1-1.5m x 2-2.5m x 0.8-1m • Bench should have mobile pedestals for each side and should be fit under the benchtop. Mobile pedestals should have with 3 drawers and locking top drawer. Should be full assembled dual overhead shelves and shelves should be height adjustable with in 10mm increments. • Electrical service outlets should be equipped on the work surface or on the overhead shelves (all sockets can be supplied with splash proof covers to enhance safety and durability). • Eye wash station placed at one side of the central bench: sink with two shower heads made of high-quality cooper, the surface is coated by epoxy, activated by hand motion sensor, the shower heads provide quick and rapid flushing, but still gentle enough not to cause injury to eyes. <p><u>Laboratory chairs:</u></p> <ul style="list-style-type: none"> • Ergonomic and flexible with weight adjustment, seat depth adjustment, adjustable seat inclination and backrest adjustable in height. • Seat height 450 – 650 mm. • Hygienic design with minimal joints for easy cleaning and disinfection. 			
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> • Resistant to all usual disinfectants and chemicals in accordance with ISO 2812. • Antibacterial upholstered covering. Suitable for cleanrooms category 3 in accordance with ISO 14644-1. 			

	<ul style="list-style-type: none"> Adheres to biosafety level BSL2 and BSL3 of the Directive of Biological Agents. UNFPA Compliance to regulatory requirements: QMS of the manufacturing site ISO 9001 			
Item 13	<p>CENTRIFUGE HIGH SPEED (3 pcs)</p> <p>Product description: Centrifuge for laboratory usage, cooled, high-speed. Separates component parts of the samples by centrifugal force, has facility for several samples at once, rotated in a balanced fashion. Speed, duration and temperature of operation can be controlled by a user.</p> <p>Specification:</p> <ul style="list-style-type: none"> The routine benchtop, cooled centrifuge with microprocessor controller Max. Speed up to 14000 rpm Capacity up to 4 L Noise Level <61dba With a timer Sample tube mounting and access to be by quick and simple procedure With auto-lock system Supplied with both fixed-angle and horizontal (swinging bucket) rotor fittings Lid interlock required, lid to include seal to prevent aerosol or particle expulsion. Closed lid security system during operation Stainless steel rotor chamber Brushless motor Imbalance sensor with safety shut down Electrical supply: 220-240V, 50/60Hz, ±10%. Approx.6A Displayed parameters: <ul style="list-style-type: none"> ✓ Alert indicators are required for imbalance, lid open and cycle complete. 			

	<ul style="list-style-type: none"> ✓ Timer display required, showing cycle time remaining. ✓ Speed • Accessories: To be supplied with swing out rotor including various types of buckets and hygienic lids: <ul style="list-style-type: none"> ✓ tube inserts for sealed rotor for 50 ml conical tube ✓ tube inserts for sealed rotor for 15 ml conical tube ✓ tube inserts for sealed rotor for 5/7 ml conical tube ✓ tube inserts for sealed rotor for 2 ml Eppendorf tube • The case is to be cleanable with laboratory grade disinfectants • Estimated Life Span: 5 years 			
	<p>Training and installation requirement: Supplier to perform free installation training, safety and operation checks before handover.</p>			
	<p>Regulations & conformity requirements:</p> <ul style="list-style-type: none"> • FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar 			
	<p>Safety & product Standards:</p> <ul style="list-style-type: none"> • QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) • Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses 			
	<p>Warranty: Two (2) year warranty should be provided.</p>			
	<p>Documentation requirements:</p> <ul style="list-style-type: none"> • User, technical and maintenance manuals to be supplied in Mongolian language 			

	<ul style="list-style-type: none"> Specify all other fittings available for given model Advanced maintenance tasks required shall be documented Certificate of calibration and inspection to be provided Description of sterilization process for accessories List to be provided of equipment and procedures required for local calibration and routine maintenance List to be provided of important spares and accessories, with their part numbers and cost Contact details of manufacturer, supplier and local service agent to be provided. Logbook with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out; 			
Item 14	SPIN DOWN (6 pcs)			
	<p>Product description: Laboratory use Spin down</p> <p>Specification:</p> <ul style="list-style-type: none"> Dimensions (W× H × D): Approximately 14-15cm x 10-13 cm x 15-18 cm Speed: Approximately 6000 rpm, 2000 x g Power Source: 220V Capacity: 8 x 1.5/2.0ml, 32 x 0.2ml, 4 x PCR Strips Weight: Up to 2 kg 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			

	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p> <p>Warranty: One (1) year warranty should be provided.</p> <p>Documentation requirements: Certificate of factory calibration and inspection to be provided.</p>			
<p>Item 15</p>	<p>VORTEX (6 pcs)</p> <p>Product description: Vortex with rubber feet for tube and flask shaking for maximum high-speed touch mixing. It should have solid metal casting.</p> <p>Specification:</p> <ul style="list-style-type: none"> • Suitable for continuous operation (low heat due to ventilation of motor) • Stable operation at high speeds due to silicon base feet; • Infinitely adjustable speed range; • Various applications possible (e.g Eppendorf tubes, microtiter plates, Erlenmeyer flasks 250 ml etc); • Speed Range (Adjustable): min 200rpm and max 2500rpm; • Weight: up to 5 Kg • Type of movement: orbital • Speed display • Approximate dimensions (W x H x D): 12-15 cm x 10-15cm x 13-20cm; • Permissible ambient temperature: 5 - 40 °C • Permissible relative humidity: 80 % • Protection class according to DIN EN 60529: IP 21 			

	<ul style="list-style-type: none"> • Power supply: 220 V, 50/60 Hz • Mobility, portability: Yes • Supplied in protective, re-closable seal. 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>			
	<p>Warranty: One (1) year warranty should be provided.</p>			
	<p>Documentation requirements: Certificate of factory calibration and inspection to be provided</p>			
Item 16	<p>LABORATORY REFRIGERATOR WITH FREEZER (6 pcs)</p>			
	<p>Product description: The laboratory upright refrigerator with freezer, with two separate, visible doors and precise electronic control</p> <p>Specification:</p> <ul style="list-style-type: none"> • Easy-to-clean interior with epoxy-coated; • Estimated Life Span: 8 years • With steel-wire shelves that resist most acids, solvents, and chemicals; • CFC-free insulation and coolant; • Adjustable hydraulic thermostat control and door lock; • Dimensions: W x D x H approx. 500 -550 mm x 550-600 mm x 1600-1900 mm • Refrigerator volume: 170-210 liter 			

	<ul style="list-style-type: none"> • Min Temp. 2°C and Max. Temp. 10°C; • Number of shelves: at least 5 • Displayed parameters: Displays settings and alerts for temperature and power supply, with large, easy-to-read digital display showing temperature within 1°C; • Freezer volume: 35-60 liter • Min Temp. -20°C and Max. Temp. -30°C; • With the microprocessor control • Electrical source requirements: 220-240V, 50Hz, Single phase • Should have grounding connector or socket should have integrated grounding sockets • Provide compatible UPS with at least 45 mins back-up 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards: Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards providing a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <ul style="list-style-type: none"> • ISO 9001: 2015 Quality Management System. • ISO 13485:2016 Medical devices - Quality management systems. • DIN 58371:2010-09 Refrigerators for conserved blood - Definitions, requirements, testing • IEC 61010-2-011:2019 RLV Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for refrigerating equipment 			

	<ul style="list-style-type: none"> Environment Certifications ISO 14001 and ISO 50001 are desirable 			
	<p>Warranty: Two (2) years warranty should be provided.</p>			
	<p>Documentation requirements:</p> <ul style="list-style-type: none"> List to be provided of equipment and procedures required for routine maintenance. Specific inclusions and exclusions to be listed. Contact details of manufacturer, supplier and local service agent to be provided 			
Item 17	AUTOCLAVE (6 pcs)			
	<p>Product description: Horizontal tabletop type laboratory autoclave. A device is designed for sterilization</p> <p>Specification:</p> <ul style="list-style-type: none"> Sterilizing capacity: 60-65 liter Stainless steel, rectangular or cylinder form Maximum pressure: not less than 2.0 kg/cm² Temperature operating range: approx. 100 °c - 140 °c, adjustable Control requirements: <ul style="list-style-type: none"> ✓ Automatic control of sterilizing cycle ✓ Temperature-pressure-time program cycles ✓ Test & warming program cycles ✓ Gravity cycles ✓ Audio and optical signal indicates completed sterilization cycle Door interlock system, unopen able under pressure Power supply: 220 V ± 10%, 50 Hz Accessories and Consumables: 			

	<ul style="list-style-type: none"> ✓ Pressure regulator - 1pc ✓ Pressure sensor - 1pc ✓ Temperature Sensor - 1pc ✓ Fuses - 3pcs ✓ Silicone tube for chamber door - 2pcs 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>			
	<p>Training and installation requirement: Onsite installation and training is required</p>			
	<p>Warranty: Two (2) years warranty should be provided.</p>			
	<p>Documentation requirement: List to be provided of equipment and procedures required for routine maintenance.</p>			
Item 18	<p>MICROPIPETTE SET (9 sets)</p> <p>Product description: Set of micropipettes suited for small volume dispensing of aqueous fluids of moderate viscosity and density. Each micropipette set will be consisted of:</p> <ul style="list-style-type: none"> j) 1 pcs of adjustable single channel pipettes with volume of 2-20ul with increments 0.02 µl k) 1 pcs of adjustable single channel pipettes with volume of 10-100 ul with increments 0.1 µl l) 1 pcs of adjustable single channel pipettes with volume of 20-200ul with increments 0.02 µl; m) 1 pcs of adjustable single channel pipettes with volume of 100–1,000 µl with increments 1 µl 			

	<p>n) 1 pcs of multichannel pipette, 8 channel pipette with volume of 5 to 50 μl with length of 23-25 cm.</p> <p>o) 2880 pcs of pipette tips with volume of 2-20 μl</p> <p>p) 960 pcs of pipette tips with volume of 200 μl;</p> <p>q) 960 pcs of pipette tips with volume of 1,000 μl</p> <p>r) 3 pcs of pipette stands</p> <p>Specification:</p> <ul style="list-style-type: none"> • Should be ergonomic, flexible and robustness; pipette should be with adjustable volume • Provided with automatic tip-eject feature • Should be made of an organic polymer which is resistant to heat, mildew, bleaches, acids and alkalies, sunlight, aging, and abrasion, Stainless steel piston. PVDF handle. • Pipettes' accuracy should be ± 10 to 2.5% and precision should be 8.0 to 2.0% ; • Any color • Compact and robust design allowing for operating comfort • Multifunctional button for the measuring stroke, the blow-out and ejecting the tip • Pipette tips will be: <ul style="list-style-type: none"> ✓ filtered pipette tips. ✓ Purity grade of tubes and tips according to the minimal standards for In Vitro applications. ✓ Tips will consist of 3 types of tips as follow. • Pipette stands will be: <ul style="list-style-type: none"> ✓ Carousel stand holds up to 5 pipettes (single and multichannel pipettes), ✓ Rotates for easy access, sturdy, safe. ✓ Weighted base keeps the stand upright and prevents tipping ✓ Cleanable with alcohol or chlorine wipes 			
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	<p>Warranty requirement: One (1) year warranty is required.</p>			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>			
Item 19	<p>LABORATORY THERMOMETER SET (3 sets)</p>			
	<p>Product description: Thermometer set to measures temperature in a laboratory context. Each set should contain:</p> <ul style="list-style-type: none"> d) 2 pcs of thermometers for refrigerator with temperature range -9.9° to + 40°C approx e) 2 pcs of thermometers for deep freezer with temperature range 40°c to + 40°c approx f) 3 pcs of room type thermometers with temperature range of 0-40°c approx. <p>Specification:</p> <ul style="list-style-type: none"> • Non-mercury thermometers • Traceable digital thermometer is preferable • Displayed parameters: Display allows recording to 0.1 degree C accuracy 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Warranty requirement: One (1) year warranty is required.</p>			

	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>			
Item 20	VIRUS TRANSPORT MEDIUM WITH SWABS (4000 pcs)			
	<p>Product description: Virus transport medium with swabs collection kit</p> <p>Specification:</p> <ul style="list-style-type: none"> • Tube Volume: 10-13ml • Applicator Material- Plastic • Medium Volume: 3ml • Swab Material: Nylon Flocked • Swab Option: Nasopharyngeal, cervical, urethrial • Sterilization: EO 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device by their national regulatory authority and have valid manufacturing licenses</p>			
Item 21	SAMPLE TRANSPORT BOX (3 pcs)			
	<p>Product description: A Transport box with ability to transport of samples maintaining the storage temperature specified. The transport box should consist of two (2) packaging:</p>			

	<p>a. Portable outer packaging box and b. Secondary packaging bag</p> <p>Specification:</p> <ul style="list-style-type: none"> • Watertight/leak-proof secondary packaging with absorbent material to be placed into outer packaging • Portable outer packaging box: <ul style="list-style-type: none"> ✓ Lightweight, made by waterproof, scuff-resistant material ✓ - Suitable for temperature sensitive shipments, accommodate tubes, vials, ampoules, small bottles, and tissue flasks with space for refrigerants. ✓ - Must be marked with infectious substance hazard label • Category A Biohazard bag, 95kpa tested to be used for placing the primary receptacles (blood tube, urine container and etc.) • Absorbent material must be sufficient to absorb the entire contents for at least 100 samples. • Absorbent material should be vermagel, cotton wool • Cushioning material should be cotton wool • Packaging must be capable of temperatures in the range of -40oc to +55oc • User care: Unit layout to enable easy cleaning and disinfection of all surfaces. 			
	<p>Regulations & conformity requirements: FDA 510k Premarket registration or CE certificate, WHO-GMP certificate or similar</p>			
	<p>Safety & product Standards: QMS of the manufacturing site: ISO 13485, or ISO 9001 or 21CFR820 (USA) Medical devices proposed to UNFPA for procurement and supply must be from manufacturers who are legally registered to manufacture the particular device</p>			

	by their national regulatory authority and have valid manufacturing licenses			
Item 22	HANDHELD LABEL PRINTER (3 pcs)			
	<p>Product description: Small printer to create self-adhesive labels for laboratory specimens</p> <p>Specification:</p> <ul style="list-style-type: none"> • Color capability: Single color printing, Clear, legible printing even on the smallest labels using the smallest fonts and text won't smear from handling. • Display: LCD • Keyboard: Qwerty layout of keys • Multiline print: Print resolution: 300dpi • Print Rotation • Auto-serialization; one touch time and date stamping, lab-specific symbols; • Labels with withstand: Inclusive a large set of labels: Well Plate Labels; Slide Labels • Power supply requirement: <ul style="list-style-type: none"> ✓ Main power 220V, 50Hz ✓ Rechargeable battery and charging station ✓ Line connection plug "Type C" Europlug or "Type E" and "Type F" Schuko <p>Accessories and spare parts:</p> <ul style="list-style-type: none"> • All the needed spare parts should be supplied for at least 2 years of use. • Spare parts should be available in Mongolia 			
	Warranty requirement: Two (2) year warranty is required.			

	Documentation requirement: <ul style="list-style-type: none">• User manual to be supplied in English or Russian• Service manual to be supplied in English or Russian• Maintenance manual to be supplied in English or Russian• List of important spare parts and accessories with their part number and price			
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(Use the spreadsheet "Product Item Overview Form.xls" if a large number of items need to be compared.)

5. Price Schedule Form

Please refer to the attached Excel sheet (Price schedule form)