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INVITATION TO BID

Maintenance and Repair of Laboratory/Health Equipment at Health Facilities in South Sudan

ITB No.: ITB-Q-017/19

Project: The Global Fund Project

Country: South Sudan

Issued on: 21 May 2019

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Section 1. Letter of Invitation

The United Nations Development Programme (UNDP) hereby invites you to submit a Bid to this Invitation to Bid (ITB) for the above-referenced subject.

This ITB includes the following documents and the General Terms and Conditions of Contract which is inserted in the Bid Data Sheet:

- Section 1: This Letter of Invitation
- Section 2: Instruction to Bidders
- Section 3: Bid Data Sheet (BDS)
- Section 4: Evaluation Criteria
- Section 5: Schedule of Requirements and Technical Specifications
- Section 6: Returnable Bidding Forms
 - Form A: Bid Submission Form
 - Form B: Bidder Information Form
 - Form C: Joint Venture/Consortium/Association Information Form
 - Form D: Qualification Form
 - Form E: Format of Technical Bid
 - Form F: Price Schedule

If you are interested in submitting a Bid in response to this ITB, please prepare your Bid in accordance with the requirements and procedure as set out in this ITB and submit it by the Deadline for Submission of Bids set out in Bid Data Sheet.

Please acknowledge receipt of this ITB by sending an email to procurement.ss@undp.org, indicating whether you intend to submit a Bid or otherwise. You may also utilize the "Accept Invitation" function in eTendering system, where applicable. This will enable you to receive amendments or updates to the ITB. Should you require further clarifications, kindly communicate with the contact person/s identified in the attached Data Sheet as the focal point for queries on this ITB.

UNDP looks forward to receiving your Bid and thank you in advance for your interest in UNDP procurement opportunities.

Issued by

Approved by:

Name: Williams Diing
Title: Procurement Analyst
Date: **May 21, 2019**

Name: Aicha Cherif
Title: Head of Procurement Unit
Date: **May 21, 2019**

Section 2. Instruction to Bidders

GENERAL PROVISIONS	
1. Introduction	<p>1.1 Bidders shall adhere to all the requirements of this ITB, including any amendments made in writing by UNDP. This ITB is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement which can be accessed at https://popp.undp.org/SitePages/POPPBSUnit.aspx?TermID=254a9f96-b883-476a-8ef8-e81f93a2b38d</p> <p>1.2 Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this ITB.</p> <p>1.3 UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.</p> <p>1.4 As part of the bid, it is desired that the Bidder registers at the United Nations Global Marketplace (UNGM) website (www.ungm.org). The Bidder may still submit a bid even if not registered with the UNGM. However, if the Bidder is selected for contract award, the Bidder must register on the UNGM prior to contract signature.</p>
2. Fraud & Corruption, Gifts and Hospitality	<p>2.1 UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_andinvestigation.html#anti</p> <p>2.2 Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches or dinners.</p> <p>2.3 In pursuance of this policy, UNDP:</p> <p>(a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question;</p> <p>(b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p> <p>2.4 All Bidders must adhere to the UN Supplier Code of Conduct, which may be found at http://www.un.org/depts/ptd/pdf/conduct_english.pdf</p>
3. Eligibility	<p>3.1 A vendor should not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP</p>

	<p>whether they are subject to any sanction or temporary suspension imposed by these organizations.</p> <p>3.2 It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p>
4. Conflict of Interests	<p>4.1 Bidders must strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified. Without limitation on the generality of the above, Bidders, and any of their affiliates, shall be considered to have a conflict of interest with one or more parties in this solicitation process, if they:</p> <ul style="list-style-type: none"> a) Are or have been associated in the past, with a firm or any of its affiliates which have been engaged by UNDP to provide services for the preparation of the design, specifications, Terms of Reference, cost analysis/estimation, and other documents to be used for the procurement of the goods and services in this selection process; b) Were involved in the preparation and/or design of the programme/project related to the goods and/or services requested under this ITB; or c) Are found to be in conflict for any other reason, as may be established by, or at the discretion of UNDP. <p>4.2 In the event of any uncertainty in the interpretation of a potential conflict of interest, Bidders must disclose to UNDP, and seek UNDP's confirmation on whether or not such conflict exists.</p> <p>4.3 Similarly, the Bidders must disclose in their Bid their knowledge of the following:</p> <ul style="list-style-type: none"> a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this ITB; and b) All other circumstances that could potentially lead to actual or perceived conflict of interest, collusion or unfair competition practices. <p>Failure to disclose such an information may result in the rejection of the Bid or Bids affected by the non-disclosure.</p> <p>4.4 The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this ITB, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
B. PREPARATION OF BIDS	
5. General Considerations	<p>5.1 In preparing the Bid, the Bidder is expected to examine the ITB in detail. Material deficiencies in providing the information requested in the ITB may result in rejection of the Bid.</p>

	5.2	The Bidder will not be permitted to take advantage of any errors or omissions in the ITB. Should such errors or omissions be discovered, the Bidder must notify the UNDP accordingly.
6. Cost of Preparation of Bid	6.1	The Bidder shall bear all costs related to the preparation and/or submission of the Bid, regardless of whether its Bid is selected or not. UNDP shall not be responsible or liable for those costs, regardless of the conduct or outcome of the procurement process.
7. Language	7.1	The Bid, as well as any and all related correspondence exchanged by the Bidder and UNDP, shall be written in the language (s) specified in the BDS.
8. Documents Comprising the Bid	8.1	<p>The Bid shall comprise of the following documents and related forms which details are provided in the BDS:</p> <ul style="list-style-type: none"> a) Documents Establishing the Eligibility and Qualifications of the Bidder; b) Technical Bid; c) Price Schedule; d) Bid Security, if required by BDS; e) Any attachments and/or appendices to the Bid.
9. Documents Establishing the Eligibility and Qualifications of the Bidder	9.1	The Bidder shall furnish documentary evidence of its status as an eligible and qualified vendor, using the Forms provided under Section 6 and providing documents required in those forms. In order to award a contract to a Bidder, its qualifications must be documented to UNDP's satisfaction.
10. Technical Bid Format and Content	10.1	The Bidder is required to submit a Technical Bid using the Standard Forms and templates provided in Section 6 of the ITB.
	10.2	Samples of items, when required as per Section 5, shall be provided within the time specified and unless otherwise specified by the Purchaser, at no expense to the UNDP. If not destroyed by testing, samples will be returned at Bidder's request and expense, unless otherwise specified.
	10.3	When applicable and required as per Section 5, the Bidder shall describe the necessary training programme available for the maintenance and operation of the equipment offered as well as the cost to the UNDP. Unless otherwise specified, such training as well as training materials shall be provided in the language of the Bid as specified in the BDS.
	10.4	When applicable and required as per Section 5, the Bidder shall certify the availability of spare parts for a period of at least five (5) years from date of delivery, or as otherwise specified in this ITB.
11. Price Schedule	11.1	The Price Schedule shall be prepared using the Form provided in Section 6 of the ITB and taking into consideration the requirements in the ITB.
	11.2	Any requirement described in the Technical Bid but not priced in the Price Schedule, shall be assumed to be included in the prices of other activities or items, as well as in the final total price.

12. Bid Security	<p>12.1 A Bid Security, if required by BDS, shall be provided in the amount and form indicated in the BDS. The Bid Security shall be valid for a minimum of thirty (30) days after the final date of validity of the Bid.</p> <p>12.2 The Bid Security shall be included along with the Bid. If Bid Security is required by the ITB but is not found in the Bid, the offer shall be rejected.</p> <p>12.3 If the Bid Security amount or its validity period is found to be less than what is required by UNDP, UNDP shall reject the Bid.</p> <p>12.4 In the event an electronic submission is allowed in the BDS, Bidders shall include a copy of the Bid Security in their bid and the original of the Bid Security must be sent via courier or hand delivery as per the instructions in BDS.</p> <p>12.5 The Bid Security may be forfeited by UNDP, and the Bid rejected, in the event of any, or combination, of the following conditions:</p> <ul style="list-style-type: none"> a) If the Bidder withdraws its offer during the period of the Bid Validity specified in the BDS, or; b) In the event the successful Bidder fails: <ul style="list-style-type: none"> i. to sign the Contract after UNDP has issued an award; or ii. to furnish the Performance Security, insurances, or other documents that UNDP may require as a condition precedent to the effectivity of the contract that may be awarded to the Bidder.
13. Currencies	<p>13.1 All prices shall be quoted in the currency or currencies indicated in the BDS. Where Bids are quoted in different currencies, for the purposes of comparison of all Bids:</p> <ul style="list-style-type: none"> a) UNDP will convert the currency quoted in the Bid into the UNDP preferred currency, in accordance with the prevailing UN operational rate of exchange on the last day of submission of Bids; and b) In the event that UNDP selects a Bid for award that is quoted in a currency different from the preferred currency in the BDS, UNDP shall reserve the right to award the contract in the currency of UNDP's preference, using the conversion method specified above.
14. Joint Venture, Consortium or Association	<p>14.1 If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture.</p> <p>14.2 After the Deadline for Submission of Bid, the lead entity identified to represent the JV, Consortium or Association shall not be altered without the prior written consent of UNDP.</p> <p>14.3 The lead entity and the member entities of the JV, Consortium or Association shall abide by the provisions of Clause 15 herein in respect of submitting only one Bid.</p> <p>14.4 The description of the organization of the JV, Consortium or Association must clearly define the expected role of each of the entities in the joint venture in</p>

	<p>delivering the requirements of the ITB, both in the Bid and the JV, Consortium or Association Agreement. All entities that comprise the JV, Consortium or Association shall be subject to the eligibility and qualification assessment by UNDP.</p> <p>14.5 A JV, Consortium or Association in presenting its track record and experience should clearly differentiate between:</p> <ul style="list-style-type: none"> a) Those that were undertaken together by the JV, Consortium or Association; and b) Those that were undertaken by the individual entities of the JV, Consortium or Association. <p>14.6 Previous contracts completed by individual experts working privately but who are permanently or were temporarily associated with any of the member firms cannot be claimed as the experience of the JV, Consortium or Association or those of its members, but should only be claimed by the individual experts themselves in their presentation of their individual credentials</p> <p>14.7 JV, Consortium or Associations are encouraged for high value, multi-sectoral requirements when the spectrum of expertise and resources required may not be available within one firm.</p>
15. Only One Bid	<p>15.1 The Bidder (including the individual members of any Joint Venture) shall submit only one Bid, either in its own name or as part of a Joint Venture.</p> <p>15.2 Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or c) they have the same legal representative for purposes of this ITB; or d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of another Bidder regarding this ITB process; e) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this ITB process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.
16. Bid Validity Period	<p>16.1 Bids shall remain valid for the period specified in the BDS, commencing on the Deadline for Submission of Bids. A Bid valid for a shorter period may be rejected by UNDP and rendered non-responsive.</p> <p>16.2 During the Bid validity period, the Bidder shall maintain its original Bid without any change, including the availability of the Key Personnel, the proposed rates and the total price.</p>
17. Extension of Bid Validity Period	<p>17.1 In exceptional circumstances, prior to the expiration of the Bid validity period, UNDP may request Bidders to extend the period of validity of their Bids. The</p>

	<p>request and the responses shall be made in writing, and shall be considered integral to the Bid.</p> <p>17.2 If the Bidder agrees to extend the validity of its Bid, it shall be done without any change to the original Bid.</p> <p>17.3 The Bidder has the right to refuse to extend the validity of its Bid, in which case, the Bid shall not be further evaluated.</p>
18. Clarification of Bid (from the Bidders)	<p>18.1 Bidders may request clarifications on any of the ITB documents no later than the date indicated in the BDS. Any request for clarification must be sent in writing in the manner indicated in the BDS. If inquiries are sent other than specified channel, even if they are sent to a UNDP staff member, UNDP shall have no obligation to respond or confirm that the query was officially received.</p> <p>18.2 UNDP will provide the responses to clarifications through the method specified in the BDS.</p> <p>18.3 UNDP shall endeavour to provide responses to clarifications in an expeditious manner, but any delay in such response shall not cause an obligation on the part of UNDP to extend the submission date of the Bids, unless UNDP deems that such an extension is justified and necessary.</p>
19. Amendment of Bids	<p>19.1 At any time prior to the deadline of Bid submission, UNDP may for any reason, such as in response to a clarification requested by a Bidder, modify the ITB in the form of an amendment to the ITB. Amendments will be made available to all prospective bidders.</p> <p>19.2 If the amendment is substantial, UNDP may extend the Deadline for submission of Bid to give the Bidders reasonable time to incorporate the amendment into their Bids.</p>
20. Alternative Bids	<p>20.1 Unless otherwise specified in the BDS, alternative Bids shall not be considered. If submission of alternative Bid is allowed by BDS, a Bidder may submit an alternative Bid, but only if it also submits a Bid conforming to the ITB requirements. Where the conditions for its acceptance are met, or justifications are clearly established, UNDP reserves the right to award a contract based on an alternative Bid.</p> <p>20.2 If multiple/alternative bids are being submitted, they must be clearly marked as "Main Bid" and "Alternative Bid"</p>
21. Pre-Bid Conference	<p>21.1 When appropriate, a pre-bid conference will be conducted at the date, time and location specified in the BDS. All Bidders are encouraged to attend. Non-attendance, however, shall not result in disqualification of an interested Bidder. Minutes of the Bidder's conference will be disseminated on the procurement website and shared by email or on the e-Tendering platform as specified in the BDS. No verbal statement made during the conference shall modify the terms and conditions of the ITB, unless specifically incorporated in the Minutes of the Bidder's Conference or issued/posted as an amendment to ITB.</p>

C. SUBMISSION AND OPENING OF BIDS

22. Submission	<p>22.1 The Bidder shall submit a duly signed and complete Bid comprising the documents and forms in accordance with requirements in the BDS. The Price Schedule shall be submitted together with the Technical Bid. Bid can be delivered either personally, by courier, or by electronic method of transmission as specified in the BDS.</p> <p>22.2 The Bid shall be signed by the Bidder or person(s) duly authorized to commit the Bidder. The authorization shall be communicated through a document evidencing such authorization issued by the legal representative of the bidding entity, or a Power of Attorney, accompanying the Bid.</p> <p>22.3 Bidders must be aware that the mere act of submission of a Bid, in and of itself, implies that the Bidder fully accepts the UNDP General Contract Terms and Conditions.</p>
Hard copy (manual) submission	<p>22.4 Hard copy (manual) submission by courier or hand delivery allowed or specified in the BDS shall be governed as follows:</p> <p>a) The signed Bid shall be marked "Original", and its copies marked "Copy" as appropriate. The number of copies is indicated in the BDS. All copies shall be made from the signed original only. If there are discrepancies between the original and the copies, the original shall prevail.</p> <p>(b) The Technical Bid and Price Schedule must be sealed and submitted together in an envelope, which shall:</p> <ol style="list-style-type: none"> i. Bear the name of the Bidder; ii. Be addressed to UNDP as specified in the BDS; and iii. Bear a warning not to open before the time and date for Bid opening as specified in the BDS. <p>If the envelope with the Bid is not sealed and marked as required, UNDP shall assume no responsibility for the misplacement, loss, or premature opening of the Bid.</p>
Email and eTendering submissions	<p>22.5 Electronic submission through email or eTendering, if allowed as specified in the BDS, shall be governed as follows:</p> <ol style="list-style-type: none"> a) Electronic files that form part of the Bid must be in accordance with the format and requirements indicated in BDS; b) Documents which are required to be in original form (e.g. Bid Security, etc.) must be sent via courier or hand delivered as per the instructions in BDS. <p>22.6 Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/</p>
23. Deadline for Submission of Bids and Late Bids	<p>23.1 Complete Bids must be received by UNDP in the manner, and no later than the date and time, specified in the BDS. UNDP shall only recognise the actual date and time that the bid was received by UNDP</p>

	23.2 UNDP shall not consider any Bid that is received after the deadline for the submission of Bids.
24. Withdrawal, Substitution, and Modification of Bids	<p>24.1 A Bidder may withdraw, substitute or modify its Bid after it has been submitted at any time prior to the deadline for submission.</p> <p>24.2 Manual and Email submissions: A bidder may withdraw, substitute or modify its Bid by sending a written notice to UNDP, duly signed by an authorized representative, and shall include a copy of the authorization (or a Power of Attorney). The corresponding substitution or modification of the Bid, if any, must accompany the respective written notice. All notices must be submitted in the same manner as specified for submission of Bids, by clearly marking them as "WITHDRAWAL" "SUBSTITUTION," or "MODIFICATION"</p> <p>24.3 eTendering: A Bidder may withdraw, substitute or modify its Bid by Cancelling, Editing, and re-submitting the Bid directly in the system. It is the responsibility of the Bidder to properly follow the system instructions, duly edit and submit a substitution or modification of the Bid as needed. Detailed instructions on how to cancel or modify a Bid directly in the system are provided in the Bidder User Guide and Instructional videos.</p> <p>24.4 Bids requested to be withdrawn shall be returned unopened to the Bidders (only for manual submissions), except if the bid is withdrawn after the bid has been opened.</p>
25. Bid Opening	<p>25.1 UNDP will open the Bid in the presence of an ad-hoc committee formed by UNDP of at least two (2) members.</p> <p>25.2 The Bidders' names, modifications, withdrawals, the condition of the envelope labels/seals, the number of folders/files and all other such other details as UNDP may consider appropriate, will be announced at the opening. No Bid shall be rejected at the opening stage, except for late submissions, in which case, the Bid shall be returned unopened to the Bidders.</p> <p>25.3 In the case of e-Tendering submission, bidders will receive an automatic notification once the Bid is opened.</p>
D. EVALUATION OF BIDS	
26. Confidentiality	<p>26.1 Information relating to the examination, evaluation, and comparison of Bids, and the recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process, even after publication of the contract award.</p> <p>26.2 Any effort by a Bidder or anyone on behalf of the Bidder to influence UNDP in the examination, evaluation and comparison of the Bids or contract award decisions may, at UNDP's decision, result in the rejection of its Bid and may subsequently be subject to the application of prevailing UNDP's vendor sanctions procedures.</p>
27. Evaluation of Bids	<p>27.1 UNDP will conduct the evaluation solely on the basis of the Bids received.</p> <p>27.2 Evaluation of Bids shall be undertaken in the following steps:</p> <ol style="list-style-type: none"> Preliminary Examination including Eligibility Qualification assessment (if pre-qualification was not done) Evaluation of Technical Bids

	<p>d) Evaluation of Prices</p> <p>Detailed evaluation will be focussed on the 3 - 5 lowest priced bids. Further higher priced bids shall be added for evaluation if necessary</p>
28. Preliminary Examination	<p>28.1 UNDP shall examine the Bids to determine whether they are complete with respect to minimum documentary requirements, whether the documents have been properly signed, and whether the Bids are generally in order, among other indicators that may be used at this stage. UNDP reserves the right to reject any Bid at this stage.</p>
29. Evaluation of Eligibility and Qualification	<p>29.1 Eligibility and Qualification of the Bidder will be evaluated against the Minimum Eligibility/Qualification requirements specified in the Section 4 (Evaluation Criteria).</p> <p>29.2 In general terms, vendors that meet the following criteria may be considered qualified:</p> <ul style="list-style-type: none"> a) They are not included in the UN Security Council 1267/1989 Committee's list of terrorists and terrorist financiers, and in UNDP's ineligible vendors' list; b) They have a good financial standing and have access to adequate financial resources to perform the contract and all existing commercial commitments, c) They have the necessary similar experience, technical expertise, production capacity, quality certifications, quality assurance procedures and other resources applicable to the supply of goods and/or services required; d) They are able to comply fully with the UNDP General Terms and Conditions of Contract; e) They do not have a consistent history of court/arbitral award decisions against the Bidder; and f) They have a record of timely and satisfactory performance with their clients.
30. Evaluation of Technical Bid and prices	<p>30.1 The evaluation team shall review and evaluate the Technical Bids on the basis of their responsiveness to the Schedule of Requirements and Technical Specifications and other documentation provided, applying the procedure indicated in the BDS and other ITB documents. When necessary, and if stated in the BDS, UNDP may invite technically responsive bidders for a presentation related to their technical Bids. The conditions for the presentation shall be provided in the bid document where required.</p>
31. Due diligence	<p>31.1 UNDP reserves the right to undertake a due diligence exercise, aimed at determining to its satisfaction, the validity of the information provided by the Bidder. Such exercise shall be fully documented and may include, but need not be limited to, all or any combination of the following:</p> <ul style="list-style-type: none"> a) Verification of accuracy, correctness and authenticity of information provided by the Bidder; b) Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the evaluation team; c) Inquiry and reference checking with Government entities with jurisdiction on the Bidder, or with previous clients, or any other entity that may have done business with the Bidder; d) Inquiry and reference checking with previous clients on the performance on on-going or completed contracts, including physical inspections of previous works, as deemed necessary;

	<ul style="list-style-type: none"> e) Physical inspection of the Bidder's offices, branches or other places where business transpires, with or without notice to the Bidder; f) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.
32. Clarification of Bids	<p>32.1 To assist in the examination, evaluation and comparison of Bids, UNDP may, at its discretion, request any Bidder for a clarification of its Bid.</p> <p>32.2 UNDP's request for clarification and the response shall be in writing and no change in the prices or substance of the Bid shall be sought, offered, or permitted, except to provide clarification, and confirm the correction of any arithmetic errors discovered by UNDP in the evaluation of the Bids, in accordance with the ITB.</p> <p>32.3 Any unsolicited clarification submitted by a Bidder in respect to its Bid, which is not a response to a request by UNDP, shall not be considered during the review and evaluation of the Bids.</p>
33. Responsiveness of Bid	<p>33.1 UNDP's determination of a Bid's responsiveness will be based on the contents of the bid itself. A substantially responsive Bid is one that conforms to all the terms, conditions, specifications and other requirements of the ITB without material deviation, reservation, or omission.</p> <p>33.2 If a bid is not substantially responsive, it shall be rejected by UNDP and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.</p>
34. Nonconformities, Reparable Errors and Omissions	<p>34.1 Provided that a Bid is substantially responsive, UNDP may waive any non-conformities or omissions in the Bid that, in the opinion of UNDP, do not constitute a material deviation.</p> <p>34.2 UNDP may request the Bidder to submit the necessary information or documentation, within a reasonable period, to rectify nonmaterial nonconformities 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.</p> <p>34.3 For the bids that have passed the preliminary examination, UNDP shall check and correct arithmetical errors as follows:</p> <ul style="list-style-type: none"> a) 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 UNDP there is an obvious misplacement of the decimal point in the unit price; in which case, the line item total as quoted shall govern and the unit price shall be corrected; b) 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 c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail. <p>34.4 If the Bidder does not accept the correction of errors made by UNDP, its Bid shall be rejected.</p>

E. AWARD OF CONTRACT

35. Right to Accept, Reject, Any or All Bids	35.1 UNDP reserves the right to accept or reject any bid, to render any or all of the bids as non-responsive, and to reject all Bids at any time prior to award of contract, without incurring any liability, or obligation to inform the affected Bidder(s) of the grounds for UNDP's action. UNDP shall not be obliged to award the contract to the lowest priced offer.
36. Award Criteria	36.1 Prior to expiration of the period of Bid validity, UNDP shall award the contract to the qualified and eligible Bidder that is found to be responsive to the requirements of the Schedule of Requirements and Technical Specification, and has offered the lowest price.
37. Debriefing	37.1 In the event that a Bidder is unsuccessful, the Bidder may request for a debriefing from UNDP. The purpose of the debriefing is to discuss the strengths and weaknesses of the Bidder's submission, in order to assist the Bidder in improving its future Bids for UNDP procurement opportunities. The content of other Bids and how they compare to the Bidder's submission shall not be discussed.
38. Right to Vary Requirements at the Time of Award	38.1 At the time of award of Contract, UNDP reserves the right to vary the quantity of goods and/or services, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
39. Contract Signature	39.1 Within fifteen (15) days from the date of receipt of the Contract, the successful Bidder shall sign and date the Contract and return it to UNDP. Failure to do so may constitute sufficient grounds for the annulment of the award, and forfeiture of the Bid Security, if any, and on which event, UNDP may award the Contract to the Second highest rated or call for new Bids.
40. Contract Type and General Terms and Conditions	40.1 The types of Contract to be signed and the applicable UNDP Contract General Terms and Conditions, as specified in BDS, can be accessed at http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
41. Performance Security	41.1 A performance security, if required in the BDS, shall be provided in the amount specified in BDS and form available at https://popp.undp.org/layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PSU_Solicitation_Performance%20Guarantee%20Form.docx&action=default within a maximum of fifteen (15) days of the contract signature by both parties. Where a performance security is required, the receipt of the performance security by UNDP shall be a condition for rendering the contract effective.
42. Bank Guarantee for Advanced Payment	42.1 Except when the interests of UNDP so require, it is UNDP's standard practice to not make advance payment(s) (i.e., payments without having received any outputs). If an advance payment is allowed as per the BDS, and exceeds 20% of the total contract price, or USD 30,000, whichever is less, the Bidder shall submit a Bank Guarantee in the full amount of the advance payment in the form available at https://popp.undp.org/layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PSU_Contract%20Management%20Payment%20

	and%20Taxes_Advanced%20Payment%20Guarantee%20Form.docx&action=default
43. Liquidated Damages	43.1 If specified in the BDS, UNDP shall apply Liquidated Damages for the damages and/or risks caused to UNDP resulting from the Contractor's delays or breach of its obligations as per Contract.
44. Payment Provisions	44.1 Payment will be made only upon UNDP's acceptance of the goods and/or services performed. The terms of payment shall be within thirty (30) days, after receipt of invoice and certification of acceptance of goods and/or services issued by the proper authority in UNDP with direct supervision of the Contractor. Payment will be effected by bank transfer in the currency of the contract.
45. Vendor Protest	45.1 UNDP's vendor protest procedure provides an opportunity for appeal to those persons or firms not awarded a contract through a competitive procurement process. In the event that a Bidder believes that it was not treated fairly, the following link provides further details regarding UNDP vendor protest procedures: http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html
46. Other Provisions	<p>46.1 In the event that the Bidder offers a lower price to the host Government (e.g. General Services Administration (GSA) of the federal government of the United States of America) for similar goods and/or services, UNDP shall be entitled to the same lower price. The UNDP General Terms and Conditions shall have precedence.</p> <p>46.2 UNDP is entitled to receive the same pricing offered by the same Contractor in contracts with the United Nations and/or its Agencies. The UNDP General Terms and Conditions shall have precedence.</p> <p>46.3 The United Nations has established restrictions on employment of (former) UN staff who have been involved in the procurement process as per bulletin ST/SGB/2006/15 http://www.un.org/en/ga/search/view_doc.asp?symbol=ST/SGB/2006/15&referer</p>

Section 3. Bid Data Sheet

The following data for the goods and/or services to be procured shall complement, supplement, or amend the provisions in the Invitation to Bid In the case of a conflict between the Instructions to Bidders, the Bid Data Sheet, and other annexes or references attached to the Bid Data Sheet, the provisions in the Bid Data Sheet shall prevail.

BDS No.	Ref. to Section.2	Data	Specific Instructions / Requirements
1	7	Language of the Bid	English
2		Submitting Bids for Parts or sub-parts of the Schedule of Requirements (partial bids)	Not Allowed
3	20	Alternative Bids	Shall not be considered
4	21	Pre-Bid conference	Will not be conducted
5	16	Bid Validity Period	120 days
6	13	Bid Security	Not Required
7	41	Advanced Payment upon signing of contract	Not Allowed
8	42	Liquidated Damages	Will not be imposed
9	40	Performance Security	Not Required
10	12	Currency of Bid	United States Dollar
11	31	Deadline for submitting requests for clarifications/ questions	Until Friday, June 7 th , 2019 at 1.30 PM (UTC +3 time)
12	31	Contact Details for submitting clarifications/questions	Focal Person in UNDP: Williams Diing Address: Ministries Road, Juba, South Sudan E-mail address: procurement.ss@undp.org

13	18, 19 and 21	Manner of Disseminating Supplemental Information to the ITB and responses/clarifications to queries	Direct communication to prospective Proposers by email and Posting on the website http://procurement-notice.undp.org/
14	23	Deadline for Submission	Friday, June 14 th , 2019 at 2.30 PM (UTC +3 time)
14	22	Allowable Manner of Submitting Bids	<input checked="" type="checkbox"/> Courier/Hand Delivery <input checked="" type="checkbox"/> Submission by email
15	22	Bid Submission Address	Attention to: Procurement Unit <u>UNDP South Sudan Country Office, Ministries Road, Juba, South Sudan with ref of the bid:</u> <u>ITB-Q-017/19</u>
16	22	Electronic submission (email or eTendering) requirements	Bid to be submitted at: bids.juba@undp.org Do NOT COPY any others emails address. <ul style="list-style-type: none"> ▪ Subject: ITB Q - 017/19: Maintenance and repair of Lab equipment ▪ Format: PDF files only ▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard. ▪ All files must be free of viruses and not corrupted. ▪ Max. File Size per transmission: 10MB ▪ Mandatory subject of email: ITB-Q-017/19 ▪ Documents which are required in original (e.g. Bid Security) should be sent to the below address with a PDF copy submitted as part of the electronic submission: procurement.ss@undp.org
17	25	Date, time and venue for the opening of bid	Date and Time: June 14, 2019 12:00 AM Venue: Eric de M'ul Hall, UNDP South Sudan Country Office, Ministries Road, Juba, South Sudan In the case of e-Tendering submission, bidders will receive an automatic notification once their Bids are opened.
18	27, 36	Evaluation Method for the Award of Contract	Lowest priced technically responsive, eligible and technically qualified bid.
19		Expected date for commencement of Contract	July 31, 2019
20		Maximum expected duration of contract	From July 2019 to December 2020

21	35	UNDP will award the contract to:	One Proposer Only
22	39	Type of Contract	Contract for Goods and/or Services to UNDP http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
23	39	UNDP Contract Terms and Conditions that will apply	UNDP General Terms and Conditions for Contracts http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
24		Other Information Related to the ITB	None

Section 4. Evaluation Criteria

Preliminary Examination Criteria

Bids will be examined to determine whether they are complete and submitted in accordance with ITB requirements as per below criteria on a Yes/No basis:

- Appropriate signatures
- Provision of valid certificates from Manufacturer indicating that the Bidder is an Agent to maintain the following major lab/hospital equipment:
 - Eliza Machine Sets (Eliza Microplate Readers and Eliza Microplate Washers) (All Eliza Machine Sets by Rytto)
 - BD BACTEC MGIT 960 System for automated mycobacterial detection & drug susceptibility testing
 - All Clinical Chemistry Analyzers (Human and Mindray)
 - All Hematology Analyzers/Humacount Plus (Human, Mindray, Clindia)
 - Semi-Automatic Analyzer for Clinical Chemistry (Biochemical Systems Int. SRL)
 - Siemens MultiMax X-Ray and Computed Radiology Digital Processor Machine: CR-Ir392 36160590 (Siemens)
 - GeneXpert Machines (Cepheid)
- Minimum Bid documents provided (as stated in the Section 2, B, No. 8)
- Bid Validity

Minimum Eligibility and Qualification Criteria

Eligibility and Qualification will be evaluated on a Pass/Fail basis.

If the Bid is submitted as a Joint Venture/Consortium/Association, each member should meet the minimum criteria, unless otherwise specified.

Subject	Criteria	Document Submission requirement
ELIGIBILITY		
Legal Status	Vendor is a legally registered entity.	Form B: Bidder Information Form
Eligibility	Vendor is not suspended, nor debarred, nor otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization in accordance with ITB clause 3.	Form A: Bid Submission Form
Conflict of Interest	No conflicts of interest in accordance with ITB clause 4.	Form A: Bid Submission Form
Bankruptcy	Has not declared bankruptcy, is not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against the vendor that could impair its operations in the foreseeable future.	Form A: Bid Submission Form
Certificates and Licenses	<ul style="list-style-type: none"> ▪ Duly authorized to act as Agent on behalf of the Manufacturer, or Power of Attorney, if bidder is not a manufacturer ▪ Official appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the 	Form B: Bidder Information Form

	<p>country</p> <ul style="list-style-type: none"> Patent Registration Certificates, if any of technologies submitted in the Bid is patented by the Bidder Export/Import Licenses, if applicable 	
	<ul style="list-style-type: none"> The Bidder must submit valid certificates from Manufacturer indicating that the Bidder is an Agent to maintain the following major lab/hospital equipment procured by UNDP: <ol style="list-style-type: none"> Eliza Machine Sets (Eliza Microplate Readers and Eliza Microplate Washers) (All Eliza Machine Sets by Rytto) BD BACTEC MGIT 960 System for automated mycobacterial detection & drug susceptibility testing All Clinical Chemistry Analyzers (Human and Mindray) All Hematology Analyzers/Humacount Plus (Human, Mindray, Clindia) Semi-Automatic Analyzer for Clinical Chemistry (Biochemical Systems Int. SRL) Siemens MultiMax X-Ray and Computed Radiology Digital Processor Machine: CR-Ir392 36160590 (Siemens) GeneXpert Machines (Cepheid) 	
QUALIFICATION		
History of Non-Performing Contracts¹	Non-performance of a contract did not occur as a result of contractor default for the last 3 years.	Form D: Qualification Form
Litigation History	No consistent history of court/arbitral award decisions against the Bidder for the last 3 years.	Form D: Qualification Form
Previous Experience	Minimum 3 years of relevant experience.	Form D: Qualification Form
	<p>Minimum 3 contracts of similar value, nature and complexity implemented over the last 3 years.</p> <p><i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i></p>	Form D: Qualification Form
Financial Standing	<p>Minimum average annual turnover of USD250,000 for the last 3 years.</p> <p><i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i></p>	Form D: Qualification Form
	<p>Bidder must demonstrate the current soundness of its financial standing and indicate its prospective long-term profitability.</p> <p><i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i></p>	Form D: Qualification Form

¹ Non-performance, as decided by UNDP, shall include all contracts where (a) non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Non-performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the Bidder have been exhausted.

Detailed Technical and Financial Evaluation

TECHNICAL EVALUATION

Technical Evaluation	The technical bids shall be evaluated on a pass/fail basis for compliance or non-compliance with the technical specifications identified in the bid document.	Form E: Technical Bid Form
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FINANCIAL EVALUATION

Financial Evaluation	<p>Detailed analysis of the price schedule based on requirements listed in Section 5 and quoted for by the bidders in Form F.</p> <p>Price comparison shall be based on the landed price, including transportation, insurance and the total cost of ownership (including spare parts, consumption, installation, commissioning, training, special packaging, etc., where applicable)</p> <p>Comparison with budget/internal estimates.</p>	Form F: Price Schedule Form
Additional Criteria	<p>Provision of valid certificates from Manufacturer indicating that the Bidder is an Agent to maintain the following major lab/hospital equipment is needed for Qualification Assessment:</p> <ol style="list-style-type: none"> 1. Eliza Machine Sets (Eliza Microplate Readers and Eliza Microplate Washers) (All Eliza Machine Sets by Rytio) 2. BD BACTEC MGIT 960 System for automated mycobacterial detection & drug susceptibility testing 3. All Clinical Chemistry Analyzers (Human and Mindray) 4. All Hematology Analyzers/Humacount Plus (Human, Mindray, Clindia) 5. Semi-Automatic Analyzer for Clinical Chemistry (Biochemical Systems Int. SRL) 6. Siemens MultiMax X-Ray and Computed Radiology Digital Processor Machine: CR-Ir392 36160590 (Siemens) 7. GeneXpert Machines (Cepheid) 	
	Provision of credentials of Biomedical Engineers who will carry out the maintenance of laboratory/health equipment under this ITB	

Section 5a: Schedule of Requirements and Technical Specifications/Bill of Quantities

Health Facility, Work to be done	Specifications	Unit Quantity per Facility	Total Quantity for all Facilities	Manufacturer / Origin	Manufacturer's Reference / Item Number	Maintenance Interval
LOT NO. 1 1. National Public Health Laboratory PCR Lab & HIV Lab Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for Equipment to be maintained and repaired: July-September 2019 May-July 2020	Equipment to be Maintained and Repaired					
	HEMOCOLD freezer, 1.400 liters, -10°/25°C	1	1	Delcon	HF140	6 Monthly
	ULTRA LOW TEMPERATURE BIO-FREEZER TEMPERATURE RANGE – 10°C ~ – 70°C, capacity: 828 liters	1	1	Lasany		6 Monthly
	4°C double door refrigerator, net capacity: 925 liters, temperature range: infinitely adjustable between 0°C / + 15°C	1	1	Evermed	LR 925	6 Monthly
	Basic Laboratory Chest Freezer mod. BLCF 440, net capacity: 440L, temperature range: infinitely adjustable between -16°C and -25°C	1	1	Evermed	BLCF 440	6 Monthly
	MIKRO 120, 208-240V, 50/60Hz. microliter centrifuge without rotor	2	2	Hettich	1204	6 Monthly
	MICROCL 21R 230V 50/60Hz, incl Rotor	2	2	Thermo Fisher	75002470	6 Monthly
	Cooled incubator in professional version - forced air convection, chamber volume 56 l, powder coated sheet housing/stainless steel interior, solid door, temperature range: 0°C...+ 100°C, 3 stainless steel wire shelves	2	2	POL-EKO	ILW 53 TOP+	6 Monthly
	Thermomixer comfort, basic device without exchangeable thermoblock, 100-240V/50-60Hz	2	2	Eppendorf	5355000011	6 Monthly
	WATER BATH, Tank volume: 6 liters, Useful volume: 4 liters, Temperature range: Ambient Temperature +5°C to 99.9°C	2	2	Nüve	Z10.NB 5	6 Monthly
	Rotilabo®-block thermostat model H 250 +25 to +250 °C, for 2 changing blocks	2	2	Carl Roth	Y264.1	6 Monthly
	Vortex-Genie® 2 circular, 600-2700/min incl. Standard top (Inner-Ø 2.5 cm) and shaking plate (Ø 7.5 cm)	2	2	Carl Roth	P505.1	6 Monthly
	Eliza Machine Set (Eliza Microplate Reader RT-6100, 110-220 V / 50-60 Hz,) and (Eliza Microplate Washer RT-2600C, 220 V / 50-60 Hz) (SN:461203023 BEZ) - located in the HIV Lab at the NPHL	1	1	Rayto	RT-6100, RT-2600C	6 Monthly

LOT NO. 2 1. National Public Health Laboratory TB Lab Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for Equipment to be maintained and repaired: July-September 2019 May-July 2020	Upright Refrigerator with freezer compartment, Refrigerator, 2 doors (metallic doors.) one on top of the other, CFC free, 300L total, two compartment with freezer upward.	1	1	Fiocchi	N/A	6 Monthly
	"Freezer -80 °C (upright freezer), Chest Freezer (Front), Capacity: 500 Liters, Space Inner (WxDXH mm): 1440x580x600, Weight: 330 kg"	1	1	Operon	N/A	6 Monthly
	Equipment to be Maintained and Repaired					
	Binocular Microscope (Siedentopf 30°), 10x/20mm focusable eyepieces, Abbe, condenser. Infinity Plan	16	16	India	33292-9126001	6 Monthly
	Autoclave Sterilmatic-C-DRY. Volume: 75 litres. 3000W. Adjustable temperatures from 105°C to 139°C.	1	1	EU	32451-AE-75-DRY	6 Monthly
	ROTINA 380R, Benchtop centrifuge refig. w/o rotor 220V	2	2	EU	31333-1706	6 Monthly
	Homogenizers X 120 hand-held, high speed drive motor for small volumes, electronically stabilised speed control for tools up to 17 mm.	3	3	EU	30576-6040400	6 Monthly
	Inspissator, Comprising: GD100 control unit. Tank, Quilt & Blanket Range ambient +5 to 90degC.		0	EU	31208-TBGD100IN	6 Monthly
	Cooled incubator ILW 240 TOP+ INOX with forced air convection, volume; 245 L	3	3	EU	33277-1LW240TOP+INOX	6 Monthly
	Water distiller. Capacity: 4 lt / hr	1	1	Turkey	32159-NS104	6 Monthly
	Up-right freezer Platilab 500 V-3 STD, temp, range: -80°C, 230 V/50 Hz	1	1	EU	30175-12054	6 Monthly
	CO2 back-up system	1	1	EU	30175-11930	6 Monthly
	Lx 400 Binocular Microscope same as P/N 9126001 but LED Illumination with built-in rechargeable battery making it cordless during operation	6	6	India	33292-9126011	6 Monthly
	Drying oven with natural air circulation, chamber volume: 112 L, 230 V/ 50 Hz	1	1	EU	33277-SLN115EC0	6 Monthly
	Stirrer hotplate, ceramic top, analogue, 30 x 30cm	1	1	China	30371-CB302	6 Monthly
	EKOBASIC 700/1 TN	2	2	EU	30175-12818	6 Monthly
	TCM400 Binocular Inverted Microscope	1	1	India	33292-7125000	6 Monthly
	Advanced orbital shaker model 15000, orbit: 25 mm, speed range: 15-500 rpm.	1	1	USA	31944-4442924	6 Monthly
	Microscope	1	1	Primo Star	FILED 455NM	6 Monthly
	BD BACTEC MGIT 960 System for automated mycobacterial detection & drug susceptibility testing, annual capacity: 8,300 tubes	1	1	BD	N/A	6 Monthly

	TwinCubator (27.5 x 32.5 x 21 cm (WxDxH); 100 - 240 V; 50/60 Hz; 4 - 105 °C in steps of 1 °C, heating rate 0.3 °C/s and cooling rate 0.2°C/S; Wt 12 Kg (block included); Capacity 12 samples)	1	1	BD	N/A	6 Monthly
	GTQ-Cycler 96 thermal cycler (1 block for 96 x 0,2 ml reaction tubes or 96 well PCR plates; 34 x 42 x 26 cm (WxDxH); Wt 12 Kg, heating rate: 3°C/sec, cooling rate: 2°C/sec, precision: +/-0.2°C)	1	1	BD	N/A	6 Monthly
	MIKRO 200R microcentrifuge (27,5 x 34,4 x 26 cm (WxDxH); 200 - 240V Europe /100 - 127V USA, 50/60 Hz; max. 24 x 1.5/2.0 ml; RPM max. 15.000)	1	1	N/A	N/A	6 Monthly
	Digital Block Heater HX-1 (Block heater thermostat; 1 block for 24 x 1,5 ml reaction tubes; temperature range is 5°C to 150°C with resolution of 0.1°C; made of stainless steel with an aluminium heating block, a cover plate and a transport rod.)	1	1	N/A	N/A	6 Monthly
	Vortex Mixer labnet CE (3400rpm (60 Hz); +4°C to 65°C; 14 x 16 x 12 cm; 120V, 60Hz; 2.2 Kg)	1	1	N/A	N/A	6 Monthly
	Fisherbrand™ Mini Vortex Mixer (100 to 240V, 50-60Hz; 96 × 97 × 64mm; Speed: Fixed, 2800rpm; Orbit 4.5mm; 0.5Kg)	1	1	Fisherbrand	N/A	6 Monthly
	Memmert Universal Hot-air oven, Model 55 (Display +30°C - 250°C , WT 55Kg, Interior volume 53L; Max. loading of chamber 80 kg)	1	1	Memmert	N/A	6 Monthly
	Midi Horizontal Gel Electrophoresis set for nucleic acids separation	1	1	N/A	N/A	6 Monthly
	Aplegen Omega Lum G imaging system and its accessories	1	1	Aplegen	N/A	6 Monthly
	Memmert WATERBATH EXCELLENT, WNE (10litres, +10 °C up to +95 °C and boiling stage)	1	1	Memmert	N/A	6 Monthly

LOT NO. 3 1. Juba Regional Blood Bank 2. Wau Regional Blood Bank Work to be done: Maintenance, Repair and Installation of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020 Schedule for equipment to be Installed: July-September 2019 Thereafter these equipment should be maintained together with other equipment in May-July 2020	Equipment to be Maintained and Repaired					
	BLOOD COLLECTION MONITOR, IBM-13, "LASANY" LCD Blood Collection Monitor	2	4	Lasany	IBM 13	6 Monthly
	HEMOWELD-B: mobile tube sealer.	1	2	Delcon	HWELD-B,DB.00	6 Monthly
	MDW-250L Person Scale	1	2	Adam Equipment	MDW-250L	6 Monthly
	Stainless steel mecanical plasma extractor Manual plasma press	1	2	Delcon	PRESS.DB.00	6 Monthly
	ROTO SILENTA 630 RS	1	2	Hettich	5005	6 Monthly
	HEMOCOLD ventilated blood bank refrigerator HRB15 – Temperature +2°/+10°C. Capacity 150 L,	1	2	Delcon	HRB15	6 Monthly
	EX 700 Tower On-Line	1	2	Eaton	14168180	6 Monthly
	HEMOCOLD plasma freezer HF60 – Temperature -10°/-40°C. Capacity 600 L.	1	2	Delcon	HF60	6 Monthly
	EX 3000 RT3	1	2	Eaton	14168402	6 Monthly
	IFP -300 Plasma Freezer Volume: 325 Liters, No. of baskets: 5, stainless steel Temperature : -40°C to -35°C	1	2	Lasany	IFP-300	6 Monthly
	EX 1000 Tower	1	2	Eaton	14168181	6 Monthly
	EX 700 Tower On-Line	1	2	Eaton	14168180	6 Monthly
	MCX50LED "PETUNIA" Binocular Microscope with LED illumination 2. 250151-LED	1	2	Micros	250151-LED	6 Monthly
	EX 1500 Tower	1	2	Eaton	14168183	6 Monthly
	EX 700 Tower On-Line	1	2	Eaton	14168180	6 Monthly
	Drying oven in economical version, stainless steel linen finish housing	1	2	Pol-Eko	SLN 54 ECO INOX /G	6 Monthly
	EX 3000 RT3	1	2	Eaton	14168402	6 Monthly
	Professional desk Blood Pressure monitor for hospital and medical use.	1	2	Gima	32803	6 Monthly
	Equipment to be Installed in 2019, and later to be maintained and repaired in 2020					
	Plasma Thawing Bath, Micro controller-based Plasma thawing bath is a tabletop model	1	2	Lasany	IPTB-15	6 monthly
	DOUBLE Beam UV-Vis Spectrophotometer, Optical System, Double Beam (1200 Lines/mm Grating)	1	2	Lasany	LI-2800	6 Monthly
	Elisa Analyser Micro plate washer and Micro plate reader Rayto (RT-2600C, RT-6100) (SN: 571201011 BE for Juba, while SN for Wau is not known)	1	2	Rayto	461203008 BEZ 571201011 BE	6 Monthly

	MIKRO 220 R is a powerful, compact benchtop centrifuge for processing microlitre tubes of 0.2 ml	1	2	Hettich	2205	6 Monthly
	Sterilization Autoclaves "STERICLAV-S" Capacity: 75 L	1	2	Raypa	AES-75	6 Monthly
	Water Still, 4l/h with 8 l storage tank	1	2	GFL	2004	6 Monthly
LOT NO. 4 1. Juba Teaching Hospital Major Laboratory (Regional + Hospital) 2. Alsbah Children's Hospital Major Laboratory 3. Wau Teaching Hospital Major Laboratory (Regional + Hospital) Work to be done: Maintenance, Repair and Installation of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment NOTE: The Haematology Machine to be installed at Alsbah Children's Hospital has all of its electrical and pneumatic systems destroyed by rat and need to be replaced Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020 Schedule for equipment to be Installed: July-September 2019 Thereafter these equipment should be maintained together with other equipment in May-July 2020	Equipment to be Maintained and Repaired					
	BLOOD COLLECTION MONITOR, IBM-13 "LASANY" LCD Blood Collection Monito	1	3	Lasany	IBM 13	6 Monthly
	HEMOWELD-B: mobile tube sealer.	1	3	Delcon	HWELD-B.DB.00	6 Monthly
	MDW-250L Person Scale	1	3	Adam Equipment	MDW-250L	6 Monthly
	HEMOCOLD ventilated blood bank refrigerator HRB15 – Temperature +2°/+10°C. Capacity 150 L	1	3	Delcon	HRB15	6 Monthly
	EX 700 Tower On-Line	6.7	20	Eaton	14168180	6 Monthly
	MCX50LED "PETUNIA" Binocular Microscope with LED illumination 2. 250151-LED	1	3	Micros	250151-LED	6 Monthly
	MIKRO 220 R is a powerful, compact benchtop centrifuge for processing microlitre tubes of 0.2 ml to	1	3	Hettich	2205	6 Monthly
	EX 1500 Tower	1	3	Eaton	14168183	6 Monthly
	Model PGW 6002i, Maximum capacity 6000g, Readability 0,01g, Repeatability (S.D.) 0,02g, Linearity (±) 0,03g, Pan size 192×192mm	1	3	Adam Equipment	PGW6002i	6 Monthly
	Water Still, 4l/h with 8 l storage tank	1	3	GFL	2004	6 Monthly
	Drying oven in economical version, stainless steel linen finish housing	1	3	Pol-Eko	SLN 54 ECO INOX /G	6 Monthly
	EX 3000 RT3	1	3	Eaton	14168402	6 Monthly
	Sterilization Autoclaves "STERICLAV-S" Capacity: 75 L	1	3	Raypa	AES-75	6 Monthly
	CLW 53 ECO INOX / G - Incubator in economical version	1	3	Pol-Eko	CLW 53 ECO INOX / G	6 Monthly
	Clinical Chemistry Analyzer, A bench-top, discrete and random access clinical chemistry analyzer offering 100 tests per hour	1	3	Mindray	BS-120	6 Monthly
	BC-5380 Auto Hematology Analyzer, Affordable automation for small labs, Laser scatter differential to ensure outstanding accuracy (at Juba Teaching Hospital Major Lab and Wau Teaching Hospital Major Lab ONLY)	1	2	Mindray	BC-5380	6 Monthly
	LE-510 Electrolyte Analyzer, Features, Self-made maintenance free electrodes	1	3	Loncare	LE-510	6 Monthly
	Professional desk Blood Pressure monitor for hospital and medical use.	1	3	Gima	32803	6 Monthly

	Eliza Machine Sets (Eliza Microplate Reader RT-6100, 110-220 V / 50-60 Hz) and (Eliza Microplate Washer RT-2600C, 220 V / 50-60 Hz) - located at Juba Teaching Hospital Lab and Wau Teaching Hospital Lab	2	2	Rayto	RT-6100, RT-2600C	6 Monthly
	Min Hemocue Hb301 (Wau Teaching Hospital Lab)	1	1	Hemocue	Hb301	6 Monthly
	Equipment to be Installed, and later to be maintained and repaired in 2020					
	RT-2202 Coagulation Analyzer (all 3 laboratories)	1	3	Rayto	RT-2202C	6 Monthly
	BC-5380 Auto Hematology Analyzer, Affordable automation for small labs, Laser scatter differential to ensure outstanding accuracy (at Asabah Children's Hospital ONLY)	1	3	Mindray	BC-5380	6 Monthly
	Equipment to be Maintained and Repaired					
LOT NO. 5 1. Rumbek State Hospital Minor Laboratory 2. Bor State Hospital Minor Laboratory 3. Yambio State Hospital Minor Laboratory 4. Bentiu State Hospital Minor Laboratory Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020 Schedule for equipment to be Installed: July-September 2019 Thereafter these equipment should be maintained together with other equipment in May-July 2020	BLOOD COLLECTION MONITOR, IBM-13 "LASANY" LCD Blood Collection Monito	1	4	Lasany	IBM 13	6 Monthly
	HEMOWELD-B: mobile tube sealer.	1	4	Delcon	HWELD-B.DB.00	6 Monthly
	MDW-250L Person Scale	1	4	Adam Equipment	MDW-250L	6 Monthly
	HEMOCOLD ventilated blood bank refrigerator HRB15 – Temperature +2°/+10°C. Capacity 150 L	1	4	Delcon	HRB15	6 Monthly
	EX 700 Tower On-Line	2	8	Eaton	14168180	6 Monthly
	M CX50LED "PETUNIA" Binocular Microscope with LED illumination 2. 250151-LED	1	4	Micros	250151-LED	6 Monthly
	MIKRO 220 R is a powerful, compact benchtop centrifuge for processing microlitre tubes of 0.2 ml	1	4	Hettich	2205	6 Monthly
	EX 1500 Tower	1	4	Eaton	14168183	6 Monthly
	DOUBLE Beam UV-Vis Spectrophotometer, Optical System, Double Beam (1200 Lines/mm Grating)	1	4	Lasany	LI-2800	6 Monthly
	EX 700 Tower On-Line	1	4	Eaton	14168180	6 Monthly
	Model PGW 6002i, Maximum capacity 6000g, Readability 0,01g, Repeatability (S.D.) 0,02g, Linearity (±) 0,03g, Pan size 192×192mm	1	4	Adam Equipment	PGW6002i	6 Monthly
	Drying oven in economical version, stainless steel linen finish housing	1	4	Pol-Eko	SLN 54 ECO INOX /G	6 Monthly
	EX 3000 RT3	1	4	Eaton	14168402	6 Monthly
	Professional desk Blood Pressure monitor for hospital and medical use.	1	4	Gima	32803	6 Monthly

LOT NO. 6 1. Torit State Hospital Minor Laboratory 2. Kwajok State Hospital Minor Laboratory Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020	Equipment to be Installed in 2019, and later to be maintained and repaired in 2020					
	Water Still, 4l/h with 8 l storage tank (Bor, Bentiu, Yambio, Rumbek)	1	4	GFL	2004	6 Monthly
	Sterilization Autoclaves "STERICLAV-S" Capacity: 75 L (Bor, Bentiu, Yambio, Rumbek)	1	4	Raypa	AES-75	6 Monthly
	Memmert H ₂ O Bath machine (Rumbek)	1	1	Memmert	N/A	6 Monthly
	Biological Safety Cabinet (Thermoscientific Model 365) (Rumbek)	1	1	Thermoscientific	Model 365	6 Monthly
	Equipment to be Maintained and Repaired					
	Hematology Analyzer	1	2	Clindia	HA-22	6 Monthly
	HemoCue Analyzer 301	1	2	Hemocue AB	HB 301	6 Monthly
	Roller mixer (Swivel roller mixer, with 5 rolls of PVC of 324 mm length, 35 r.p.m., 436x177x105 mm, 230 V / 50-60 Hz)	1	2	Marienfeld Superior	7204008	6 Monthly
	Semi-Automatic Analyzer for Clinical Chemistry	1	2	Biochemical Syst. Int. SRL	3000 Evolution	6 Monthly
	Water Distiller: Water Still, 4 l/h, with 8 l storage tank, 230V/1ph, 50...60 Hz; complete with Schuko, plug CEE7/7	1	2	GFL	2004	6 Monthly
	High speed, Bench top centrifuge for STAT, Platelet Poor Plasma & Coagulation samples	1	2	Hettich Lab	1802	6 Monthly
	Binocular Microscope: Viewing Head: Sliding Binocular Head Inclined at 45°, 360° Rotatable; 55-75mm interpupillary distance. Anti-Fungus.	1	2	Labomed Inc	LB-240 BIN MIC	6 Monthly
	VENTICELL 22L - standard "Blue Line" Hotair oven: Oven for dry heat sterilization. Temperature range: approx. +30 to +220°C. Microprocessor temperature control. Digital display showing actual and set temperature values. Minimum 3 shelves.	1	2	MMM Medcenter	MC 001902	6 Monthly
	Vertical Autoclave/Steam sterilizer, Capacity 25 Ltr (effective)	1	2	HIRAYAMA	HV-25	6 Monthly
	Orbi Blotter, with flat mat platform	1	2	Benchmark Scientific	BT30E	6 Monthly
	Blood bank refrigerator: LAB EMOTECA 170 ECT.F TOUCH, white antibacterial coated steel, including nr 3 aluminum drawers, small castors + stabilizing feet, DMLP	1	2	Fiocchi	LAB EMOTECA 170 ECT.F TOUCH	6 Monthly
	DOMINO DIGITAL BLOOD PRESSURE MONITOR Professional desk Blood Pressure monitor for hospital and medical use.	1	2	Gima S.p.A.	32803	6 Monthly
	Personal floor scale with Column Verification class III	1	2	Kern & Sohn GmbH	MPE 250K100HM	6 Monthly
	BIO33D BagMixer version D Complete unit for monitoring blood collection	3	6	Bioelettronica	BIO33D	6 Monthly

	Lab Pro Electronic Controller Refrigerator, 250l, solid door, 4 s/steel shelves, alarms, up to +42C ambient T, R404A, 220/1/50.	1	2	Desmon Scientific	DS-FS25	6 Monthly
LOT NO. 7 Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020	Equipment to be Maintained and Repaired Chemistry Analyzer - Human 2500, serial: 2500-7178 Locations: 1. Yambio State Hospital ART Center 2. Rumbek State Hospital ART Center 3. Wau Teaching Hospital ART Center 4. Juba Teaching Hospital ART Center 5. Yei State Hospital ART Center 6. Nimule State Hospital ART Center 7. Maridi State Hospital ART Center 8. Nzara Sisters Hospital ART Center	1	9	HUMAN	2500-7178	6 Monthly
LOT NO. 8 Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020	HumaCount Plus 803953 Locations 1. Yambio State Hospital ART Center 2. Rumbek State Hospital ART Center 3. Wau State Hospital ART Center 4. Juba Teaching Hospital ART Center 5. Yei State Hospital ART Center 6. National Public Health Laboratory (Juba) 7. Bilfam Military Hospital ART Center 8. Torit Hospital ART Center 9. Mapourdit Mission Hospital ART Center 10. Nimule State Hospital ART Center 11. Maridi State Hospital ART Center	1	11	HUMAN	803953	6 Monthly
LOT NO. 9 Work to be done: Maintenance and Repair of Health Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020	Siemens MultiMax X-Ray and Computed Radiology Digital Processor Machine: CR-Ir392 36160590 (Note: Computed Radiology Digital Film Processor machine (CR Machine) is not functional in Juba Teaching Hospital) Locations 1. Juba Teaching Hospital 2. Wau Teaching Hospital 3. Yambio State Hospital	1	3	Siemens	CR-Ir392 36160590	6 Monthly

<p>LOT NO. 10</p> <p>Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment</p> <p>Schedule for equipment to be maintained and repaired: May-July 2020 (No maintenance required in 2019 because the machines are new & under warranty)</p>	<p>GeneXpert Machines</p> <p>Locations</p> <ol style="list-style-type: none"> 1. National Public Health Lab – Juba - NTRL 2. National Public Health Lab – Juba - NTRL 3. Nimule County Hospital TB Center 4. Maban County Hospital TB Center 5. Munuki PHCC TB Center 6. Wau Teaching Hospital TB Center 7. Torit Civil Hospital TB Center 8. Aweil Civil Hospital TB Center 9. Nzara Hospital TB Center 10. Rumbek State Hospital TB Center 	1	10	Cepheid	IV-R2-Cepheid	6 Monthly
<p>LOT NO. 11</p> <p>Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts</p> <p>Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020</p>	<p>Medical Refrigerators</p> <p>Locations</p> <ol style="list-style-type: none"> 1. Juba Prison PHCC TB Center 2. Gurei PHCC TB Center 3. Munuki PHCC TB Center 4. Torit Civil Hospital TB Center 5. Nimule County Hospital TB Center 6. Nzara Hospital TB Center 7. Maban County Hospital TB Center 8. Malakal State Hospital TB Center 9. Wau Teaching Hospital TB Center 10. Rumbek State Hospital TB Center 11. Aweil Civil Hospital TB Center 12. Yambio State Hospital TB Center 13. Yei County Hospital TB Center 	1	13	Biobase	BXC V260M	6 Monthly

Annex to Attachment 5a

Additional Information on the Status of major Laboratory/Health Equipment based on the assessment conducted in 2016 and the last maintenance completed in August 2017 (the list does not include all facilities)

Health Facility	Equipment	Issues Identified During the Last Assessment conducted in 2016	Functionality of Equipment at August 2017 after the maintenance was carried out – May 2019 status not known
Yambio State Hospital Minor Lab Yambio Hospital ART Center	HUMAN Auto-Chemistry Analyzer	<ul style="list-style-type: none"> Minor spare parts should be budgeted for and purchased End-User training is critical before handling this Auto-Chem. Analyzer. 	Functional
	HUMAN Auto-Heamatology Analyzer	<ul style="list-style-type: none"> Requirements: installed manuals and engineer's service manuals, key board Repair of the CBC Machine Service of equipment with their EPSON Printers (G7YY227422) and UPS End-User training for lab technologists should also be conducted after repair and service before commissioning and acceptance of the CBC Machine. Interior tubing systems need to be cleaned regularly and some can be replaced if beyond use Technical Calibration of CBC Machine is critical in order to achieve Quality Assurance to our dear patients and End-User 	Not functional, was not fixed
	Raypa high pressure steam sterilizer	<ul style="list-style-type: none"> Not installed, requires 240 VAC Element, and 3/4" drain pipe End-User training for the laboratory technologists must be conducted before commissioning and acceptance of the steam sterilizer 	Not installed, needed running water in the Lab The Lab has now been connected to water
	Refrigerators	<ul style="list-style-type: none"> R134 Gas Refil, etc, please refer to refrigerator specifications Temperature sensors (Thermostat) and Refrigerator fans must be technically checked every routine service and maintenance is carried out 	
	Weighing scale	<ul style="list-style-type: none"> General maintenance of digital 	Functional

		weighing scale	
	Water Still	<ul style="list-style-type: none"> Not installed, requires 2.5 mm² Flexible Power Cables, 1/4" water pipe, 3/4" water pipe, water value, Circuit breaker from the MCB User training to the laboratory technologists need to be carried after the installation and the commissioning and acceptance should not be done if the End-User training is not conducted given the sensitivity of the equipment 	
	LASANY UV / VIS Spectrophotometer	<ul style="list-style-type: none"> Routine maintenance, user training to laboratory technicians, Replacement of minor spare parts during service 	Was installed in 2017 and Functional
	Siemens MultiMax X-Ray and Computed Radiology Digital Processor Machine: CR-Ir392 36160590	<ul style="list-style-type: none"> CR system ok after the last maintenance, Printer not working, micro switches for Fuji printer not closing-need replacement 	X-ray machine functional CR system ok Printer not working Micro switches for Fuji printer not closing-need replacement
	MCX50LED "PETUNIA" Binocular Microscope with LED illumination, 2. 250151-LED	<ul style="list-style-type: none"> Likely to need Magnification lenses, Cleaning Agent 70% Ethanol, 6VDC 20W Halogen bulbs, Eye lenses, Specialized clearing tissues 	Functional
	Hittich EBA 20 Centrifuges	<ul style="list-style-type: none"> Locking system likely to need replacement, Tachometer sensor likely to need replacement 	Functional
	POL-EKO Apparatus incubator/ Oven	<ul style="list-style-type: none"> Lubrication of locking system is necessary during service and maintenance 	Functional
	Analogic Vortex Mixer		Functional
	Blood collection monitor Lansany		Functional
Rumbek State Hospital Minor Lab Rumbek Hospital ART Center	HUMAN Auto-Heamatology Analyzer	<ul style="list-style-type: none"> Requirements: Power cable for the machine and printer, Pin type keyboard, UPS for the CBC Machine, User manuals and Engineer's manuals, replace interior tubing systems Routine service and maintenance General cleaning of tubing, systems Minor spare parts need needed 	Not functional, was not repaired
	LASANY UV / VIS Spectrophotometer	<ul style="list-style-type: none"> Requirements: reference solution, power supply cable for the machine, engineer's installation manuals and service manuals End-user training after the installation is highly recommended Routine service and maintenance every 	Functional

		three (3) months.	
	HUMAN Auto-Chemistry Analyzer	<ul style="list-style-type: none"> ▪ Routine service and maintenance is critical ▪ Minor spare parts needed ▪ Regular implementation of user training to the Laboratory technologists need to be planned 	Functional
	Microscopes	<ul style="list-style-type: none"> ▪ Requirements: Magnification lenses, Halogen lamp 6VDC20W, Eye lenses/ pieces, 70% Ethanol (cleaning agent), Specialized cleaning tissues. ▪ Standardized UPS for the microscopes needs to be provided and installed ▪ Regular cleaning of microscopes by the lab technologists (ie. After work) is essential ▪ Replacement of Halogen lamp/ bulb after a long service is also critical 	Functional
	Hettich EBA200 Centrifuges	<ul style="list-style-type: none"> ▪ Power system needs replacement / repair ▪ Tachometer sensor needs replacement ▪ Routine service and maintenance of the laboratory centrifuges is critical. 	Functional
	Blood shaker machine, weighing scales and blood bank scale	<ul style="list-style-type: none"> ▪ All in good working condition ▪ Need regular check-up, cleaning and lubrication of movable mechanical components 	Functional
	Refrigerators	<ul style="list-style-type: none"> ▪ One (01) in good working condition, three (03) not working ▪ Requirements: R134 gas refill, temperature sensors (Thermostat), refrigerator fans. ▪ Specialized hot-air pressure pump machine should be used to clean the piping systems for the R134 gas before the refill of the refrigerators is done. 	1x Functional 3x Not functional
	Memmert H ₂ O Bath machine	<ul style="list-style-type: none"> ▪ Equipment not installed 	Not installed
	Mindray Auto-Hematology Analyzer (CBC- Machine)	<ul style="list-style-type: none"> ▪ Was not installed before the maintenance visit in 2017 	Was reported to be functional after the 2017 visit
	Water still	<ul style="list-style-type: none"> ▪ Not installed, requirement: 2.5mm² flexible power cable, 240 VAC AVS, 1/4" Water Pipe, 3/4" Water Pipe, Water valve, Circuit Breaker from MCB 	Not installed, need to be installed
	Biological Safety Cabinet: Thermoscientific Model 365	<ul style="list-style-type: none"> ▪ Not Installed: The following must be checked before the installation takes place Since the equipment was opened and left exposed to poor environmental factors. 	Not installed, need to be installed

		<ul style="list-style-type: none"> ▪ Check sensitive HEPA filters. ▪ Inspect exterior of the equipment for damage or missing hardware. ▪ Inspect power cord strain relief and plugs for any sign of damage. ▪ Clean equipment interior component and exterior with vacuum or compressed air. ▪ Clean equipment interior operating surface with disinfectant. ▪ Inspect electrical and electronics components for signs of excessive heat or deterioration. ▪ Inspect and clean motor and fan assembly. ▪ Check the fluorescent lighting lamp UV Lamp (where present) replace where necessary. ▪ Verify smooth operation of all doors and covers. ▪ Verify correct operations of all buttons, control, displays and / or indicators plus light emitting diodes (LEDS). ▪ Verify correct operations of the equipment in all functional modalities. ▪ Clean exterior of the equipment including all accessories, cables, external surface glass door control and display. ▪ Check air flow with air flow rest. ▪ Lubrication of all movable mechanical parts must be done (if necessary) 	
Wau Teaching Hospital Major Lab Wau Teaching Hospital Laboratory Wau State Hospital ART Center	Chemistry Analyzer – Mindray	<ul style="list-style-type: none"> ▪ Was non-functional before the maintenance that ended in September 2017 ▪ Requirements: Solenoid Valve, Probe (needle), reagent/sample, Electrode set (k/na/cl/ref), Electrode conditioner / set (5pcs), De- proteinizer (5pcs) with Diluet (5pcs)/set, Refill solution for ISE Electrodes /set Refill solution for Ref Electrodes (20ml/bottle), linearity control material (High/Middle/Low) <p>Work recommended before the maintenance:</p> <ul style="list-style-type: none"> ▪ Re-calibration of the Auto-Chemistry Analyzer should be done using a specified fault diagnostic software authorized by the Mindray Manufacturer. Note that any software 	Not Functional

		<p>downloaded from the Internet and used on this Sophisticated Equipment damage to the Machine.</p> <ul style="list-style-type: none"> User training should be conducted Monir spare parts required 	
	Centrifuges Mikro 220R 800D, HCF-24	<ul style="list-style-type: none"> 80-Z table low speed centrifuge needs replacement of speed nob or repair (if possible) Routine service and maintenance with minor spare parts to be replaced (fuses) 	Functional
	Blood shaker machines, weighing scales and blood bank scale (22 ADAM Rotama 120 shaker IBBS-2)	<ul style="list-style-type: none"> Need regular checkup, cleaning and lubrication of movable mechanical components 	Functionality not known
	LASANY UV VIS Spectrophotometer	<ul style="list-style-type: none"> Was not installed during the assessment Provision of first-test reagents, End-user trainings should also be done after installation before the equipment is commissioned and accepted Validations of the Equipment should be done by the Lab. Technologists 	Not installed, need to be installed
	Raypa High Steam Sterilizers	<ul style="list-style-type: none"> Not installed Requirements for installation: 240 VAC Electrical element (if necessary), ¾" drain pipe 	Equipment requires installation End-User training must be conducted before commissioning the equipment as steam is dangerous
	Water still	<ul style="list-style-type: none"> Not Installed Requirements: 2.5mm² flexible power cable, ¼" water pipes, ¾" water pipes, Water waves, Circuit-breakers from MCB, Automatic voltage regulators AVS, Dip switches End-User trainings should be conducted before the commissioning of the water still 	Was reported as 'Functional' after the maintenance conducted in September 2017. BUT please prepared to do the installation as indicated under 5a.
	Refrigerators and freezers	<ul style="list-style-type: none"> 3x were in good condition, 2x were not working Requirements: Compressor (if possible), R134 gas refill, Temperature sensors (Thermostat), 240VAC Power plug Routine service and maintenance needed 	2x were repaired during the assessment and were in functional The status for the rest of the refrigerators and freezers is not known
	LASANY Blood collection monitors (2)	<ul style="list-style-type: none"> Routine service and maintenance required 	1x LASANY Blood collection monitor

			was maintained during the assessment
	POL-EKO Apparatus incubators / Ovens	<ul style="list-style-type: none"> Supply of cuvettes required Routine service and maintenance of the equipment 	Supply of cuvettes required Routine service and maintenance of the equipment
	Plasma Thewing Bath IPTB-15	<ul style="list-style-type: none"> Not Installed 	Requires installation
	Microscopes (models XSZ-107BN, MCX50LED, CX21FS1, CX31RBSF)	Requirements at the time of the assessment: <ul style="list-style-type: none"> Halogen lamp of 9V2A Eye piece broken (needs replacement). 100 x AND 40X Magnification lenses need replacement. 6VDC Halogen lamp needs replacement. 70% ethernal (cleaning agents) Specialized cleaning tissues 	Routine maintenance
	Haematology Analyzer – HUMAN	Requirements at the time of the assessment: <ul style="list-style-type: none"> Bump replacement. Interior tubing systems need to be cleaning and some replaced if any Reagents for the haematology analyzer Routine service and maintenance 	Reported as functional after maintenance in August 2017
	Chemistry Analyzer - HUMAN	<ul style="list-style-type: none"> Routine service and maintenance required 	Reported as functional after maintenance in August 2017
	RT-2202 Coagulation Analyzer	Requirements at the time of the assessment: <ul style="list-style-type: none"> Reagents, Cuvettes, Genuine software CD's 	To be installed
Bor State Hospital Laboratory Bor ART Center	Centrifuges (models 800D, MIKRO 220R, 8CF-24, 2698)	<ul style="list-style-type: none"> 3x were in use 1x lock system needed replacement Routine service and maintenance 	No work done since the assessment
	Water still	Not installed, requirements: <ul style="list-style-type: none"> 2.5mm2 flexible power cable 1/4" water pipe 3/4" water pipe Water valve Circuit breakers from MCB Automatic voltage regulator (AVS) 	Installation and user training Not installed
	3x Refrigerators (models V170GE, HRB15, HXC106)	<ul style="list-style-type: none"> Reported to be in good condition during the assessment conducted in 2016 	Routine service and maintenance Training of users
	Water bath (model WNB.7)	<ul style="list-style-type: none"> In good working condition but not is use 	Routine service and maintenance

			Training of users
	Incubator (model SIN53CEO)	<ul style="list-style-type: none"> In good working condition but not is use 	
	LASANY UV/VS Spectrophotometer	Requirement at the time of the assessment: <ul style="list-style-type: none"> Ref – solution 	Installation required User training required
	2x Ordinary Tissue Microscopes (models CX 21FS1, Star 3)	<ul style="list-style-type: none"> Were in used during the assessment 	Routine service and maintenance
	LASANY Blood collection monitor (model IBM 13)	<ul style="list-style-type: none"> Functional during the assessment 	Routine service and maintenance
	Blood bank scale weighing scale nd blood roller mixer (models IBBS – 02, Adam 250L)	<ul style="list-style-type: none"> Was functional during the assessment 	Regular lubrication of movable mechanical components and routine service and maintenance
	Raypa High pressure steam sterilizer (model AES-75)	<ul style="list-style-type: none"> Was functional during the assessment 	Routine service and maintenance

Section 5b: Other Related Requirements

Further to the Schedule of Requirements in the preceding Table, Bidders are requested to take note of the following additional requirements, conditions, and related services pertaining to the fulfillment of the requirements:

Exact Address of Delivery/Installation Location	Provided under Section 5a.
Mode of Transport Preferred	Land, Air
Customs, if required, clearing shall be done by:	Supplier (clearing of spare parts)
Inspection upon delivery	New spare parts to be presented to the lab focal point before installation Defective spare part removed to be presented to UNDP
Installation Requirements	Installation must be witnessed by the Lab Focal Point
Testing Requirements	Testing of equipment must be witnessed by the Lab Focal Point Lab Focal Point and Health Facility Manager point to sign the certification of completion of the work carried out and functionality of equipment
Scope of Training on Operation and Maintenance	Half day training on the operation and basic maintenance of equipment to be provided at each facility
Warranty Period	6 months warranty period for spare parts provided
Conditions for Release of Payment	<input type="checkbox"/> Pre-shipment inspection <input type="checkbox"/> Inspection upon arrival at destination <input checked="" type="checkbox"/> Installation <input checked="" type="checkbox"/> Testing <input checked="" type="checkbox"/> Training on Operation and Maintenance <input checked="" type="checkbox"/> Lab Focal Point and Health Facility Manager point to sign the certification of completion of the work carried out and functionality of equipment
All documentations, including catalogues, instructions and operating manuals, shall be in this language	English

Section 6: Returnable Bidding Forms / Checklist

This form serves as a checklist for preparation of your Bid. Please complete the Returnable Bidding Forms in accordance with the instructions in the forms and return them as part of your Bid submission. No alteration to format of forms shall be permitted and no substitution shall be accepted.

Before submitting your Bid, please ensure compliance with the Bid Submission instructions of the BDS 22.

Technical Bid:

Have you duly completed all the Returnable Bidding Forms?	
▪ Form A: Bid Submission Form	<input type="checkbox"/>
▪ Form B: Bidder Information Form	<input type="checkbox"/>
▪ Form C: Joint Venture/Consortium/ Association Information Form	<input type="checkbox"/>
▪ Form D: Qualification Form	<input type="checkbox"/>
▪ Form E: Format of Technical Bid/Bill of Quantities	<input type="checkbox"/>
▪ Form G: Form of Bid Security	N/A
▪ [Add other forms as necessary]	<input checked="" type="checkbox"/>
Have you provided the required documents to establish compliance with the evaluation criteria in Section 4?	<input type="checkbox"/>

Price Schedule:

▪ Form F: Price Schedule Form	<input type="checkbox"/>
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Form A: Bid Submission Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

We, the undersigned, offer to supply the goods and related services required for [Insert Title of goods and services] in accordance with your Invitation to Bid No. [Insert ITB Reference Number] and our Bid. We hereby submit our Bid, which includes this Technical Bid and Price Schedule.

Our attached Price Schedule is for the sum of [Insert amount in words and figures and indicate currency].

We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium /Association members or subcontractors or suppliers for any part of the contract:

- a) is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists;
- b) have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization;
- c) have no conflict of interest in accordance with Instruction to Bidders Clause 4;
- d) do not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with our firm in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15);
- e) have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future;
- f) undertake not to engage in proscribed practices, including but not limited to corruption, fraud, coercion, collusion, obstruction, or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we embrace the principles of the United Nations Supplier Code of Conduct and adhere to the principles of the United Nations Global Compact.

We declare that all the information and statements made in this Bid are true and we accept that any misinterpretation or misrepresentation contained in this Bid may lead to our disqualification and/or sanctioning by the UNDP.

We offer to supply the goods and related services in conformity with the Bidding documents, including the UNDP General Conditions of Contract and in accordance with the Schedule of Requirements and Technical Specifications.

Our Bid shall be valid and remain binding upon us for the period specified in the Bid Data Sheet.

We understand and recognize that you are not bound to accept any Bid you receive.

I, the undersigned, certify that I am duly authorized by [Insert Name of Bidder] to sign this Bid and bind it should UNDP accept this Bid.

Name: _____

Title: _____

Date: _____

Signature: _____

[Stamp with official stamp of the Bidder]

Form B: Bidder Information Form

Legal name of Bidder	[Complete]
Legal address	[Complete]
Year of registration	[Complete]
Bidder's Authorized Representative Information	Name and Title: [Complete] Telephone numbers: [Complete] Email: [Complete]
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, [insert UGNM vendor number]
Are you a UNDP vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, [insert UNDP vendor number]
Countries of operation	[Complete]
No. of full-time employees	[Complete]
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	[Complete]
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	[Complete]
Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)	[Complete]
Does your organization demonstrates significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues	[Complete]
Is your company a member of the UN Global Compact	[Complete]

Contact person that UNDP may contact for requests for clarifications during Bid evaluation	Name and Title: [Complete] Telephone numbers: [Complete] Email: [Complete]
Please attach the following documents:	<ul style="list-style-type: none"> ▪ Company Profile, which should <u>not</u> exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the goods and/or services being procured ▪ Certificate of Incorporation/ Business Registration ▪ Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any such privilege is enjoyed by the Bidder ▪ Trade name registration papers, if applicable ▪ Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any ▪ Environmental Compliance Certificates, Accreditations, Markings/Labels, and other evidences of the Bidder's practices which contributes to the ecological sustainability and reduction of adverse environmental impact (e.g., use of non-toxic substances, recycled raw materials, energy-efficient equipment, reduced carbon emission, etc.), either in its business practices or in the goods it manufactures ▪ Patent Registration Certificates, if any of technologies submitted in the Bid is patented by the Bidder ▪ Certification or authorization to act as Agent on behalf of the Manufacturer, or Power of Attorney. ▪ Export Licenses, if applicable ▪ Local Government permit to locate and operate in assignment location, if applicable ▪ Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country

Form C: Joint Venture/Consortium/Association Information Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

To be completed and returned with your Bid if the Bid is submitted as a Joint Venture/Consortium/Association.

No	Name of Partner and contact information <i>(address, telephone numbers, fax numbers, e-mail address)</i>	Proposed proportion of responsibilities (in %) and type of goods and/or services to be performed
1	[Complete]	[Complete]
2	[Complete]	[Complete]
3	[Complete]	[Complete]

Name of leading partner (with authority to bind the JV, Consortium, Association during the ITB process and, in the event a Contract is awarded, during contract execution)	[Complete]
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We have attached a copy of the below referenced document signed by every partner, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture:

☐ Letter of intent to form a joint venture **OR** ☐ JV/Consortium/Association agreement

We hereby confirm that if the contract is awarded, all parties of the Joint Venture/Consortium/Association shall be jointly and severally liable to UNDP for the fulfillment of the provisions of the Contract.

Name of partner: _____ Name of partner: _____

Signature: _____ Signature: _____

Date: _____ Date: _____

Name of partner: _____ Name of partner: _____

Signature: _____ Signature: _____

Date: _____ Date: _____

Form D: Eligibility and Qualification Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

If JV/Consortium/Association, to be completed by each partner.

History of Non- Performing Contracts

<input type="checkbox"/> Non-performing contracts did not occur during the last 3 years			
<input type="checkbox"/> Contract(s) not performed in the last 3 years			
Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Reason(s) for non-performance:	

Litigation History (including pending litigation)

<input type="checkbox"/> No litigation history for the last 3 years			
<input type="checkbox"/> Litigation History as indicated below			
Year of dispute	Amount in dispute (in US\$)	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Matter in dispute: Party who initiated the dispute: Status of dispute: Party awarded if resolved:	

Previous Relevant Experience

Please list only previous similar assignments successfully completed in the last 3 years.

List only those assignments for which the Bidder was legally contracted or sub-contracted by the Client as a company or was one of the Consortium/JV partners. Assignments completed by the Bidder's individual experts working privately or through other firms cannot be claimed as the relevant experience of the Bidder, or that of the Bidder's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Bidder should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested by UNDP.

Project name & Country of Assignment	Client & Reference Contact Details	Contract Value	Period of activity and status	Types of activities undertaken

Bidders may also attach their own Project Data Sheets with more details for assignments above.

☐ Attached are the Statements of Satisfactory Performance from the Top 3 (three) Clients or more.

Financial Standing

Annual Turnover for the last 3 years	Year	USD
	Year	USD
	Year	USD
Latest Credit Rating (if any), indicate the source		

Financial information (in US\$ equivalent)	Historic information for the last 3 years		
	Year 1	Year 2	Year 3
	<i>Information from Balance Sheet</i>		
Total Assets (TA)			
Total Liabilities (TL)			
Current Assets (CA)			
Current Liabilities (CL)			
	<i>Information from Income Statement</i>		
Total / Gross Revenue (TR)			
Profits Before Taxes (PBT)			
Net Profit			
Current Ratio			

☐ Attached are copies of the audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following condition:

- Must reflect the financial situation of the Bidder or party to a JV, and not sister or parent companies;
 - Historic financial statements must be audited by a certified public accountant;
 - Historic financial statements must correspond to accounting periods already completed and audited.
- No statements for partial periods shall be accepted.

Form E: Format of Technical Bid

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

The Bidder's Bid should be organized to follow this format of the Technical Bid. Where the bidder is presented with a requirement or asked to use a specific approach, the bidder must not only state its acceptance, but also describe how it intends to comply with the requirements. Where a descriptive response is requested, failure to provide the same will be viewed as non-responsive.

SECTION 1: Bidder's qualification, capacity and expertise

- 1.1 General organizational capability which is likely to affect implementation: management structure, financial stability and project financing capacity, project management controls, extent to which any work would be subcontracted (if so, provide details).
- 1.2 Relevance of specialized knowledge and experience on similar engagements done in the region/country.
- 1.3 Quality assurance procedures and risk mitigation measures.
- 1.4 Organization's commitment to sustainability.
- 1.5 The Bidder must submit valid certificates from Manufacture indicating that the Bidder is an Agent to maintain the following major lab/hospital equipment:
 - 1.5.1 Eliza Machine Sets (Eliza Microplate Readers and Eliza Microplate Washers) (All Eliza Machine Sets by Rytio)
 - 1.5.2 BD BACTEC MGIT 960 System for automated mycobacterial detection & drug susceptibility testing
 - 1.5.3 All Clinical Chemistry Analyzers (Human and Mindray)
 - 1.5.4 All Hematology Analyzers/Humacount Plus (Human, Mindray, Clindia)
 - 1.5.5 Semi-Automatic Analyzer for Clinical Chemistry (Biochemical Systems Int. SRL)
 - 1.5.6 Siemens MultiMax X-Ray and Computed Radiology Digital Processor Machine: CR-Ir392 36160590 (Siemens)
 - 1.5.7 GeneXpert Machines (Cepheid)

SECTION 2: Scope of Supply, Technical Specifications, and Related Services

This section should demonstrate the Bidder's responsiveness to the specification by identifying the specific components proposed, addressing the requirements, as specified, point by point; providing a detailed description of the essential performance characteristics proposed; and demonstrating how the proposed bid meets or exceeds the requirements/specifications. All important aspects should be addressed in sufficient detail.

- 2.1 A detailed description of how the Bidder will deliver the required goods and services, keeping in mind the appropriateness to local conditions and project environment. Details how the different service elements shall be organized, controlled and delivered.
- 2.2 Explain whether any work would be subcontracted, to whom, how much percentage of the requirements, the rationale for such, and the roles of the proposed sub-contractors and how everyone will function as a team.
- 2.3 The bid shall also include details of the Bidder's internal technical and quality assurance review mechanisms.
- 2.4 Implementation plan including a Gantt Chart or Project Schedule indicating the detailed sequence of activities that will be undertaken and their corresponding timing.

2.5 Demonstrate how you plan to integrate sustainability measures in the execution of the contract.

Goods and services to be Supplied and Technical Specifications	Your response				
	Compliance with technical specifications		Delivery Date <i>(confirm that you comply or indicate your delivery date)</i>	Quality Certificate/ to Maintain Equipment Listed under Form E, 1.5, etc. <i>(indicate all that apply and attach)</i>	Comments
	Yes, we comply	No, we cannot comply <i>(indicate discrepancies)</i>			
LOT NO. 1 1. National Public Health Laboratory PCR Lab & HIV Lab Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for Equipment to be maintained and repaired: July-September 2019 May-July 2020					
LOT NO. 2 1. National Public Health Laboratory TB Lab Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for Equipment to be maintained and repaired: July-September 2019 May-July 2020					
LOT NO. 3 1. Juba Regional Blood Bank 2. Wau Regional Blood Bank Work to be done: Maintenance, Repair and Installation of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020					

<p>Schedule for equipment to be Installed: July-September 2019 Thereafter these equipment should be maintained together with other equipment in May-July 2020</p>					
<p>LOT NO. 4 1. Juba Teaching Hospital Major Laboratory 2. Alsabab Children's Hospital Major Laboratory 3. Wau Teaching Hospital Major Laboratory</p> <p>Work to be done: Maintenance, Repair and Installation of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment</p> <p>NOTE: The Haematology Machine to be installed at Alsabab Children's Hospital has all of its electrical and pneumatic systems destroyed by rat and need to be replaced</p> <p>Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020</p> <p>Schedule for equipment to be Installed: July-September 2019 Thereafter these equipment should be maintained together with other equipment in May-July 2020</p>					
<p>LOT NO. 5 1. Rumbek State Hospital Minor Laboratory 2. Bor State Hospital Minor Laboratory 3. Yambio State Hospital Minor Laboratory 4. Bentiu State Hospital Minor Laboratory</p> <p>Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment</p> <p>Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020</p> <p>Schedule for equipment to be Installed: July-September 2019 Thereafter these equipment should be maintained together with other equipment in May-July 2020</p>					

LOT NO. 6 1. Torit State Hospital Minor Laboratory 2. Kwajok State Hospital Minor Laboratory Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020					
LOT NO. 7 Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020					
LOT NO. 8 Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020					
LOT NO. 9 Work to be done: Maintenance and Repair of Health Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020					
LOT NO. 10 Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts, and 1-day training of the users on the operation, basic maintenance and proper management of all equipment Schedule for equipment to be					

maintained and repaired: May-July 2020 (No maintenance required in 2019 because the machines are new & under warranty)					
LOT NO. 11 Work to be done: Maintenance and Repair of Lab Equipment including replacement of parts Schedule for equipment to be maintained and repaired: July-September 2019 May-July 2020					

Other Related services and requirements <i>(based on the information provided in Section 5b)</i>	Compliance with requirements		Details or comments on the related requirements
	Yes, we comply	No, we cannot comply <i>(indicate discrepancies)</i>	
e.g. Delivery Term			
Warranty on Spare Parts			
Provide user training session			
Replacement of any defected spare parts			

SECTION 3: Management Structure and Key Personnel

- 3.1 Describe the overall management approach toward planning and implementing the project. Include an organization chart for the management of the project describing the relationship of key positions and designations. Provide a spreadsheet to show the activities of each personnel and the time allocated for his/her involvement.
- 3.2 Provide CVs for key personnel that will be provided to support the implementation of this project using the format below. CVs should demonstrate qualifications in areas relevant to the scope of goods and/or services.

Format for CV of Proposed Key Personnel

Name of Personnel	[Insert]
Position for this assignment	[Insert]
Nationality	[Insert]
Language proficiency	[Insert]
Education/Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	[Insert]
	<i>[Provide details of professional certifications relevant to the scope of goods and/or services]</i>

Professional certifications	<ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
Employment Record/ Experience	<p><i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i></p> <p>[Insert]</p>
References	<p><i>[Provide names, addresses, phone and email contact information for two (2) references]</i></p> <p>Reference 1: [Insert]</p> <p>Reference 2: [Insert]</p>

I, the undersigned, certify that to the best of my knowledge and belief, the data provided above correctly describes my qualifications, my experiences, and other relevant information about myself.

Signature of Personnel

Date (Day/Month/Year)

FORM F: Price Schedule Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

The Bidder is required to prepare the Price Schedule following the below format. The Price Schedule must include a detailed cost breakdown of all goods and related services to be provided. Separate figures must be provided for each functional grouping or category, if any.
Any estimates for cost-reimbursable items, such as travel of experts and out-of-pocket expenses, should be listed separately.

Currency of the Bid: USD

Price Schedule per Lot

Item #	Description	UOM	Quantity	Unit Price	Total Price
LOT1	Hemocold freezer				
LOT2	Binocular Microscope				
LOT3	Blood Collection Monitor				
LOT4	Blood Collection Monitor				
LOT5	Blood Ciollection Monitor				
LOT6	Haematology Analyser				
LOT7	Chemistry Analyzer				
LOT8	Huma Count Plus 803953				
LOT9	X-Ray Machines				
LOT10	GeneXpert Machines				
LOT11	Medical Refrigerators				
GRAND TOTAL					

Name of Bidder: _____
 Authorised signature: _____
 Name of authorised signatory: _____
 Functional Title: _____

