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INVITATION TO BID

“Purchase of laboratory equipment for testing energy efficiency parameters of household appliances and equipment”

ITB No.: 2019-068 UNDP KAZ

Project: **#00101056, UNDP/GEF «Energy Efficient Standards, Certification, and Labelling for Appliances and Equipment in Kazakhstan»**

Country: Kazakhstan

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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
 - o Form A: Bid Submission Form
 - o Form B: Bidder Information Form
 - o Form C: Joint Venture/Consortium/Association Information Form
 - o Form D: Qualification Form
 - o Form E: Format of Technical Bid
 - o Form F: Price Schedule
 - o Form G: Form of Bid Security

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 meruyert.bolyssayeva@undp.org and cholponbek.omuraliev@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

Cholponbek Omuraliev

Name: Cholponbek Omuraliev

Title: Procurement Associate

Date: **September 19, 2019**

Approved by:

Dana Amanova

Dana Amanova

Operations Manager

Date: **September 19, 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 whether they are subject to any sanction or temporary suspension imposed by</p>

	<p>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> <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.</p>

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 The Bid shall comprise of the following documents and related forms which details are provided in the BDS: <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	<p>10.1 The Bidder is required to submit a Technical Bid using the Standard Forms and templates provided in Section 6 of the ITB.</p> <p>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.</p> <p>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.</p> <p>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.</p>
11. Price Schedule	<p>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.</p> <p>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.</p>
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 9 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 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</p>

	<p>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 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> <ul 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> <p>a) Electronic files that form part of the Bid must be in accordance with the format and requirements indicated in BDS;</p> <p>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> <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-notice/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> <p>23.2 UNDP shall not consider any Bid that is received after the deadline for the</p>

	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> <ul style="list-style-type: none"> a) Preliminary Examination including Eligibility b) Arithmetical check and ranking of bidders who passed preliminary examination by price. c) Qualification assessment (if pre-qualification was not done)

	<ul style="list-style-type: none"> a) Evaluation of Technical Bids b) Evaluation of prices <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

	<p>works, as deemed necessary;</p> <p>e) Physical inspection of the Bidder's offices, branches or other places where business transpires, with or without notice to the Bidder;</p> <p>f) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.</p>
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> <p>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;</p> <p>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</p> <p>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> <p>34.4 If the Bidder does not accept the correction of errors made by UNDP, its Bid shall</p>

	be rejected.
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%20and%20Taxes_Advanced%20Payment%20Guarantee%20Form.docx&action=default
43. Liquidated Damages	<p>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.</p>
44. Payment Provisions	<p>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.</p>
45. Vendor Protest	<p>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:</p> <p>http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html</p>
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</p> <p>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 or Russian
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 be Conducted Time: Nur-Sultan time zone (+6 GMT) Date: September 26, 2019, 15.00 PM Venue: Pre-bid meeting will be held via skype-call (live: procurement_undp). In case of interest in participation in pre-bid meeting it is necessary to send notification to e-mail meruyert.bolyssayeva@undp.org copying syrym.nurgaliyev@undp.org
5	16	Bid Validity Period	90 days
6	13	Bid Security	Required in the amount of USD 10,350 Acceptable Forms of Bid Security <ul style="list-style-type: none"> Bank Guarantee (See Section 8 for template)
7	41	Advanced Payment upon signing of contract	Not Allowed
8	42	Liquidated Damages	Will be imposed as follows: Percentage of contract price per day of delay: 0.5% Max. number of calendar days of delay 30, after which UNDP may terminate the contract.

9	40	Performance Security	Required in 10% of contract amount
10	12	Currency of Bid	United States Dollar
11	31	Deadline for submitting requests for clarifications/ questions	26 September 2019, by 15.00 PM of Nur-Sultan time zone (+6 GMT)
12	31	Contact Details for submitting clarifications/questions	Focal Person in UNDP: Zulfiya Suleimenova Project Assistant E-mail address: zulfiya.suleimenova@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 websites: www.undp.org and www.ungm.org .
14	23	Deadline for Submission	3 October 2019, 24.00 AM New York time zone For eTendering submission - as indicated in eTendering system. Note that system time zone is in EST/EDT (New York) time zone.
14	22	Allowable Manner of Submitting Bids	<input type="checkbox"/> Courier/Hand Delivery <input type="checkbox"/> Submission by email <input checked="" type="checkbox"/> e-Tendering
15	22	Bid Submission Address	https://etendering.partneragencies.org BU: KAZ10, Event ID: KAZ_001
16	22	Electronic submission (email or eTendering) requirements	<ul style="list-style-type: none"> ▪ 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: 20 Mb ▪ 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: 14 Mambetova street, Nur-Sultan, Kazakhstan, 010000
17	25	Date, time and venue for the opening of bid	October 4, 2019, 00.20 AM New York Time Zone. 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 qualified bid.
19		Expected date for commencement of Contract	<i>October 29, 2019</i>
20		Maximum expected duration of contract	10 months after effective contract date
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	<i>Not applicable</i>

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
- Power of Attorney
- Minimum Bid documents provided
- Bid Validity
- Bid Security submitted as per ITB requirements with compliant validity period

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 country ▪ Patent Registration Certificates, if any of technologies submitted in the Bid is patented by the Bidder ▪ Export/Import Licenses, if applicable 	Form B: Bidder Information Form
QUALIFICATION		
History of Non-Performing	Non-performance of a contract did not occur as a result of contractor default for the last 3 years.	Form D: Qualification Form

Contracts¹		
Litigation History	No consistent history of court/arbitral award decisions against the Bidder for the last 3 years.	Form D: Qualification Form
Previous Experience	<ul style="list-style-type: none"> • Experience in supply of similar electrical equipment for testing laboratories for at least 5 years; • At least 3 years of experience and interaction with testing laboratories; • At least 3 years of experience in preparation for accreditation/calibration of testing laboratories; • A list of similar services performed over the past 5 years, indicating the Customer, name of the service / work, the year service was provided and the cost if possible; • At least 3 references from previous customers for similar services; • Experience with international organizations <i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i>	Form D: Qualification Form
Financial Standing	<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
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
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
Personnel	<ul style="list-style-type: none"> • Availability of qualified personnel: <ul style="list-style-type: none"> - expert focal point with higher technical education and at least 5 years' experience in the field of technical regulation, attestation, certification and testing laboratories; <p><i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i></p>	Form E: Format of Technical Bid

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.

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

Technical specification

Electricity consumption in Kazakhstan has been rising steadily since the late 1990s. This consumption leads directly to high emissions of CO₂ from the country's predominantly coal-fired generation sector, with annual totals approaching 70 million tonnes in 2014. There is significant technical potential to reduce emissions by increasing the efficiency of common electricity-intensive appliances and equipment – most notably, refrigerators, distribution transformers, and motors – but to date, this challenge has gone unaddressed because of the absence of regulations and the weakness of market signals about energy-related performance and value.

The project addresses the development challenge through integrated activities directed at these barriers. The core focus will be the implementation of minimum energy performance standards (MEPS), which have a growing track record of achieving large-scale savings throughout the world. The project will also support the introduction of voluntary high-efficiency performance standards (HEPS) in conjunction with product labelling and government procurement rules. Enforcement of both MEPS and HEPS will be carried out by accredited certification laboratories, which the project will support with methodological guidance and needed equipment.

The successful transformation of the Kazakhstani market towards energy-efficient appliances and equipment primarily depends on effective system and infrastructure for monitoring, checking and ensuring compliance with technical values, including the indicators of minimum energy performance standards (MEPS).

All this is necessary in order to limit the presence of goods with an energy efficiency class that does not meet the specified characteristics on the market of household and engineering equipment. Since, in practice, there are cases when there are goods with energy efficiency class A labeling but with actual energy consumption corresponding to class B.

Experts note that the issue of developing a system for testing the conformity of equipment with the declared characteristics needs to be paid more attention, both at the state level and at the level of association of organizations - equipment manufacturers.

In addressing this issue, strengthening the capacity of individual countries and sharing information between countries and regions are an effective way to quickly and thoroughly disseminate best practices.

Kazakhstan, as a member of the Eurasian Economic Union (EAEU) and the Customs Union, is involved in this process, which is formed taking into account the experience of neighboring countries and countries of the European Union. According to experts, Kazakhstan, as well as other EAEU countries, needs to create and improve a national system for controlling the quality and energy efficiency of electrical products.

Thus, according to the Annual Project Work Plan for 2019, under Component 2, it was planned to contract a Company (hereinafter - the Supplier) with the appropriate reputation, competence and experience to purchase laboratory testing equipment for energy efficiency parameters identification of household appliances and equipment.

Scope of work

The main goal of this work will be provision of services for purchase of laboratory equipment for testing the energy efficiency parameters of household appliances and equipment. As part of the service, the Supplier have to perform the following tasks:

Stage 1.

1. Preparation of a detailed delivery plan / schedule (exact dates, delivery addresses, etc.) of laboratory equipment and consumables, coordination with interested parties (UNDP, KazInMetr, recipient laboratories);
2. Purchase and delivery of Accessories for certification / calibration of the climatic chamber in Kazakhstan in accordance with the national legislation (Technical specification Annex 2, paragraph 16).
 - humidity and temperature sensors used for calibration of the installation for testing household refrigerators and freezers;
 - temperature sensor used to calibrate motor test installation.
3. Purchase and delivery of 4 Portable Tools for power quality analysis and motor energy efficiency parameters testing (Technical specification Annex 1).
4. Purchase and delivery of testing materials for testing the energy efficiency parameters of a household refrigeration appliance and electric motors.
 - M-packages for the climatic chamber for testing the energy-efficiency parameters of household refrigerators and freezers (Technical specification Annex 2, paragraph 15)
 - testing materials for a Stationary laboratory test facility to test the performance of electric motors. (Technical specification Annex 3, paragraph 8)

These testing materials also need to be described and justified in the methodology of the work (name, types, quantity).

Stage 2.

5. Purchase of 2 laboratory units for testing energy efficiency parameters of household refrigeration appliances and electric motors;
 - climatic chamber for testing the energy efficiency parameters of household refrigerators and freezers (Technical specification Annex 2);
 - Stationary laboratory test facility to test the performance of electric motors (Technical specification Annex 3).
6. Delivery and installation of two laboratory units in Kazakhstan:
 - stationary laboratory unit for testing the energy efficiency parameters of electric motors in the city of Nur-Sultan;
 - climatic chamber for testing energy efficiency parameters of household refrigerators and freezers in the city of Almaty.
7. Minimum 2 trainings of personnel of testing laboratories on operating the purchased units;
8. Assisting in the preparation for certification / calibration of laboratory facilities in accordance with national legislation.

Expected results:

№	Deliverables	Timeline	Review and approvals required
1.	<ul style="list-style-type: none"> Preparation of a detailed delivery plan / schedule (exact dates, delivery addresses, etc.) of laboratory equipment and consumables, coordination with interested parties (UNDP, KazInMetr, recipient laboratories); Purchase and delivery of Accessories for certification / calibration of the climate chamber in Kazakhstan in accordance with the national legislation (sensors and other necessary devices for calibration). Purchase and delivery of 4 Portable Tools for power quality analysis and motor energy efficiency parameters testing. Purchase and delivery of testing materials for testing the energy efficiency parameters of a household refrigeration appliance and electric motors. 	<p>Within 2 weeks after signing the contract</p> <p>Within 15 weeks after signing the contract</p>	Project manager
2.	<ul style="list-style-type: none"> Purchase of 2 laboratory units for testing energy efficiency parameters of household refrigeration appliances and electric motors. Delivery and installation of two laboratory units in Kazakhstan Minimum 2 trainings of personnel of testing laboratories on operating the purchased units; Assisting in the preparation for certification / calibration of laboratory facilities in accordance with national legislation. Provision of the final informational report. 	Within 40 weeks after signing the contract	Project manager

Payment schedule:

%	Stage of work
35	Deliverable 1
65	Deliverable 2

The Contract is awarded for period of 10 months to perform all expected deliverables. Along with the equipment a Supplier should provide the following documents: act of acceptance, installation manual, testing manual, training program. Once received the Project Manager provides the comments\recommendations and confirmation of works acceptance within 4-5 days.

Required experience:

- Experience in supply of similar electrical equipment for testing laboratories for at least 5 years;
- At least 3 years of experience and interaction with testing laboratories;
- At least 3 years of experience in preparation for accreditation/calibration of testing laboratories;
- A list of similar services performed over the past 5 years, indicating the Customer, name of the service / work, the year service was provided and the cost if possible;
- At least 3 references from previous customers for similar services;
- Experience with international organizations
- Availability of qualified personnel:
 - o expert focal point, with higher technical education and at least 5 years' experience in the field of technical regulation, attestation, certification and testing laboratories.

Annex 1**1. Portable Tools for power quality analysis and motor energy efficiency parameters testing****(4 sets)**

№	Parameter	Requirements
1	Basic standards for operating the Tool	<ul style="list-style-type: none"> • IEC 60034-30-1 "Rotating Electrical Machines". Part 30-1. «Efficiency classes of line operated AC motors»; • Standard EN 61326-1 «Electrical equipment for measurement, control and laboratory use. EMC requirements. – Part 1: General requirements».
2	Types of measurement of the tool (according to the standards of paragraph 1)	<ul style="list-style-type: none"> • Motor torque, from 0 to 10,000 Nm; • Motor rotation frequency, from 0 to 3600 rpm; • Motor mechanical load, from 0.7 kW to 746 kW; • Motor efficiency, from 0 to 100%; • Unbalance (NEMA), from 0 to 100%.
3	General characteristics	<ul style="list-style-type: none"> • Robust shockproof housing with built-in protective case splashproof and dustproof according to IEC60529 when used on an inclined stand, with protection against shock and vibration; • Display brightness: from 150 to 200 cd / m² when using a power adapter, and from 50 to 90 cd / m² when using a battery pack. LCD resolution: 320 × 240 pixels with adjustable contrast and brightness; • Memory card: SD 8 GB (compatible with SDHC standard, formatted in FAT32 system), up to 32 GB additionally. Screen protection and several memory modules for storing data, including records (depending on memory size);
4	Working temperature	from 0 to +40 ° C; +40 to +50 ° C, excluding battery
5	Storage temperature	from -20 to +60 °C
6	Operating humidity	from +10 to +30 ° C: 95% RH non-condensing; +30 to +40 ° C: 75% RH non-condensing +40 to +50 ° C: 45% RH non-condensing
7	Supply should also include	<ul style="list-style-type: none"> • Set of test leads; • Battery; • Network adapter; • 8 GB SD memory card; • Soft carrying case; • CD-ROM with software and user documentation.
8	Interfaces	mini USB-B, isolated USB port for PC, SD card slot.
9	Delivery locations	The Republic of Kazakhstan, the cities of Nur-Sultan, Almaty, Karaganda and Ekibastuz.

Annex 2**2. Climatic chamber for testing energy efficiency parameters of household refrigerators and freezers (1 set)**

№	Parameter	Requirements
1	Basic standards for operating the climatic chamber	<ul style="list-style-type: none"> • ISO 15502-2005 «Household refrigerating appliances -- Characteristics and test methods »; • IEC 62552-2015 «Household refrigerating appliances -- Characteristics and test methods (parts 1, 2, 3)»; • EN 153:2006 «Methods of measuring the energy consumption of electric mains operated household refrigerators, frozen food storage cabinets, food freezers and their combinations, together with associated characteristics»; • ГОСТ 30204-95 «Household refrigerating appliances -- Characteristics and test methods»; • СТ КВ EN 153:2011 «Methods of measuring the energy consumption of electric mains operated household refrigerators, frozen food storage cabinets, food freezers and their combinations, together with associated characteristics».
2	Types of measurement of the climatic chamber (according to the standards of paragraph 1)	<ul style="list-style-type: none"> • Storage test • Water vapor condensation test • Energy consumption test • Temperature rise test • Freezing test • Ice-making test • Safety test
3	Number of test stations in the climatic chamber	2 stations (possibility to test 2 domestic refrigerators at the same time)
4	Laboratory chamber dimension	2,000W×3,500D×2,700H
5	Climatic chamber requirements	<ul style="list-style-type: none"> • Non-magnetic housing made of stainless steel or of metal panels with a polymer coating or powder coating; • The design of corners and seams adapted to thermal expansion and compression of the body; • Solid non-combustible or non-combustion-supporting thermal insulation materials without harmful impurities; • The switchboards for connecting thermocouples connected by cable to the instrument rack must be mounted in the test compartment; • Must be equipped with an air conditioning system that does not contain ozone-depleting refrigerants (chlorine-free refrigerants: HFC hydrofluorocarbons (HFC), fluorocarbons (FC), hydrocarbons (HC)). The refrigerants used must be approved for use on the territory of the Republic of Kazakhstan; • The test compartment must be equipped with a door located at the end of the chamber. The door must be equipped with a viewing window. Opening and closing the door must be possible externally and internally.
6	Capacity of one test place	Refrigerator up to 600 liters

7	Temperature and humidity conditions in the climatic chamber	Temperature: from +10 to 50°C Humidity: from 30 to 90% RH
8	Temperature and time of heating	60 minutes from + 10 ° C to + 50 ° C
9	Temperature and time of cooling	90 minutes from + 50 ° C to + 10 ° C
10	Accuracy of maintaining ambient temperature	not more than $\pm 0,5^{\circ}\text{K}$
11	Vertical gradient of ambient temperature	not more than 1 K / m
12	Air currents of velocity	from 0.15 m/sec to 0.20 m/sec
13	Thermocouple temperature	from -50 to + 150°C
14	Automation and control of test modes (software availability)	<ul style="list-style-type: none"> Built-in color Touch Screen panel with a graphical representation of current and setpoint information; The control and measurement system manage all subsystems working together to achieve the goal of the test. Carries out the following functions: Control of air exchange, cooling, temperature of liquid system, pressure, etc.; Data collection from the above subsystems for the computer and data processing; Power management of equipment in the above systems providing necessary protection against short circuits; Monitoring the operation and performance parameters of the device under test; Generation of a test report. Intuitive controls that allow tracking test parameters with visualization of the current state and possibility to increase individual fragments of representations; Option to control via web interface; Option to display operating parameters; Built-in real time clock; Alarms in case of malfunction and deviation from the set parameters, output of error codes and maintenance of an error log and service; Option to conduct manual operation; Option to set time stamps; Secure access, password protected; English-language interface, Russian-language is an advantage.
15	Testing material (M-packages)	Large - 300 pieces; Medium - 200 pieces; Small - 70 pieces; Equipped with sensors - 30 pieces. Total: 600 pieces.
16	Accessories for certification / calibration of the climate chamber	<ul style="list-style-type: none"> Humidity sensor, with a measuring range from 0 to 99% RH, with a storage temperature from -30 to 85 ° C; Temperature sensor, with a measuring range from -70 to + 100°C
17	Delivery city	Republic of Kazakhstan, Almaty

Annex 3**3. Stationary laboratory test facility to test the performance of electric motors (1 set)**

№	Parameter	Requirements
1	Basic standards for operating the test facility	<ul style="list-style-type: none"> • IEC 60034-30-1 «Rotating electrical machines - Part 30-1: Efficiency classes of line operated AC motors»; • GB/T 1032-2012 3-Phase Induction Motor Test Method; • GB/T 1032-2012 3-Phase Induction Motor Test Method, Chapter 7 Load Feature Test; • GB/T 1032-2012 3-Phase Induction Motor Test Method, Chapter 8 Heat Test; • GBT9651-2008 1-Phase Induction Motor Test Method, Chapter 7 Efficiency, Power Factor Test; • GBT9651-2008 1-Phase Induction Motor Test Method, Chapter 6.6 Heat Test
2	Types of measurement of the test facility (according to the standards of paragraph 1)	<ul style="list-style-type: none"> • Testing the electrical characteristics of electric motor: voltage, electric current, power factor, input power; • Testing the mechanical characteristics of electric motor: speed, torque, mechanical power.
3	Composition of the test facility	<ul style="list-style-type: none"> • Control Panel; • Two motor test stands: <ul style="list-style-type: none"> - stand one is used to test the motor power outlet performance; - stand two is used to test the motor torque and speed (with the torque sensor). • Software.
4	Technical characteristics of the tested electric motors, capacity of the test facility n	RPM: 5,000rpm (max); Torque: 7.9 Nm; Nominate Power: 5kW;
5	Testing modes	<ul style="list-style-type: none"> • Auto mode. The automatic test mode includes testing the speed and torque of electric motor; • Manual mode. Manual test mode also consists of two types: speed and torque test of electric motor.
6	Automation and control of test modes (software availability)	<ul style="list-style-type: none"> • Data collection module that serves to record data; • Industrial computer for data processing; • The Motor and Driver Analysis Device that are used to measure the motor, power driver, and related devices. Should have features of 0.1% high accuracy and 300kHz bandwidth. Should also work with sensors and has the communication of RS232, GPIB and USB, which brings more flexibility; • Built-in color panel with a graphical representation of current and setpoint information; • Intuitive controls that allow tracking test parameters with visualization of the current state and possibility to increase individual fragments of representations; • Exporting the Test Report as a spreadsheet in MS or PDF format; • Option to display operating parameters; • Built-in real time clock;

		<ul style="list-style-type: none"> Alarms in case of malfunction and deviation from the set parameters, output of error codes and maintenance of an error log and service; Option to provide automatic and manual operation; Secure access, password protected; English-language interface, Russian-language is an advantage.
7	Composition	<ul style="list-style-type: none"> Sensor of torque and speed of electric motor, measurements with an accuracy of 0.2%, a range of -100 Nm and a maximum rotation speed of -10,000 rpm; Motor Stand is used to locate and fix the UUT motor; The Motor Clutch is used to connect the UUT Motor and the Load Motor. The max torque on the clutch is 20Nm; The Servo Motor is used to provide the system with the load. The Servo Motor accuracy is controlled within 0.5%. Working Temperature -14°C~45°C, Nominated Torque Output - 7.96Nm, Max Rotate Speed -5,000rpm, Power -2.5kW
8	Testing materials	<ul style="list-style-type: none"> Asynchronous motor class IE 1 (0.7-1 kW) - 1 pc. Asynchronous motor class IE 2 (0.7-1 kW) - 1 pc. Asynchronous motor class IE 3 (0.7-1 kW) - 1 pc.
9	Delivery city	Republic of Kazakhstan, Nur-Sultan

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:

Delivery Term [INCOTERMS 2010] (Pls. link this to price schedule)	DDP, Kazakhstan
Exact Address of Delivery/Installation Location	<p>1. Climatic chamber for testing energy efficiency parameters of household refrigerators and freezers (1 set) as well as Accessories and testing materials: Address: 160, Khaliullina street, Almaty, Kazakhstan</p> <p>2. Stationary laboratory test facility to test the performance of electric motors (1 set) as well as testing materials: Address: 11, Mangilik El avenue, Nur-Sultan, Kazakhstan</p> <p>3. Portable Tools (four sets) for power quality analysis and motor energy efficiency parameters testing: Addresses in Kazakhstan: <ul style="list-style-type: none"> - 24/1, Brusilivskogo street, Nur-Sultan - 25, Auezova street, Nur-Sultan - 175, Abaya street, Ekibastuz - 12, Stroitelei avenue, Karaganda </p>
Mode of Transport Preferred	All preferred methods by the Supplier
UNDP Preferred Freight Forwarder, if any ²	N/A
Distribution of shipping documents (if using freight forwarder)	N/A Click here to enter text.
Customs, if required, clearing shall be done by:	Supplier
Ex-factory / Pre-shipment inspection	N/A
Inspection upon delivery	N/A
Installation Requirements	<p>Installation of two laboratory units in Kazakhstan:</p> <ul style="list-style-type: none"> stationary laboratory unit for testing the energy efficiency parameters of electric motors in the city of Nur-Sultan;

²A factor of the Incoterms stipulated in the ITB. The use of a UNDP preferred freight forwarder may be considered for purposes of ensuring forwarder's familiarity with procedures and processing of documentary requirements applicable to UNDP when clearing with customs authority of the country of destination.

	<ul style="list-style-type: none">climatic chamber for testing energy efficiency parameters of household refrigerators and freezers in the city of Almaty.												
Testing Requirements	Testing: 1. Climatic chamber for testing energy efficiency parameters of household refrigerators and freezers; 2. Stationary laboratory test facility to test the performance of electric motors; 3. Four Portable Tools for power quality analysis and motor energy efficiency parameters testing.												
Scope of Training on Operation and Maintenance	Two trainings for personnel of testing laboratories on operating the purchased units in Almaty and Nur-Sultan cities;												
Commissioning	Required												
Warranty Period	12 months												
Local Service Support	N/A												
Technical Support Requirements	Assisting in the preparation for certification / calibration of laboratory facilities												
After-sale services Requirements	<input checked="" type="checkbox"/> Warranty on Parts and Labor for minimum period of 12 months <input type="checkbox"/> Technical Support <input type="checkbox"/> Provision of Service Unit when pulled out for maintenance /repair <input type="checkbox"/> Others <i>[pls. specify]</i>												
Payment Terms <i>(max. advanced payment is 20% as per UNDP policy)</i>	<table><tr><td colspan="4">Choose an item.</td></tr><tr><td>#</td><td>Deliverables</td><td>Timeline</td><td>Pay ment</td></tr><tr><td>1</td><td><ul style="list-style-type: none">Preparation of a detailed delivery plan / schedule (exact dates, delivery addresses, etc.) of laboratory equipment and consumables, coordination with interested parties (UNDP, KazInMetr, recipient laboratories);Purchase and delivery of Accessories for certification / calibration of the climatic chamber in Kazakhstan in accordance with the national legislation (sensors and other necessary devices for calibration).Purchase and delivery of 4 Portable Tools for power quality analysis and motor energy efficiency parameters testing.Purchase and delivery of testing materials for testing the energy efficiency parameters of a household refrigeration appliance and electric motors.</td><td>Within 15 weeks after signing the contract</td><td>35%</td></tr></table>	Choose an item.				#	Deliverables	Timeline	Pay ment	1	<ul style="list-style-type: none">Preparation of a detailed delivery plan / schedule (exact dates, delivery addresses, etc.) of laboratory equipment and consumables, coordination with interested parties (UNDP, KazInMetr, recipient laboratories);Purchase and delivery of Accessories for certification / calibration of the climatic chamber in Kazakhstan in accordance with the national legislation (sensors and other necessary devices for calibration).Purchase and delivery of 4 Portable Tools for power quality analysis and motor energy efficiency parameters testing.Purchase and delivery of testing materials for testing the energy efficiency parameters of a household refrigeration appliance and electric motors.	Within 15 weeks after signing the contract	35%
Choose an item.													
#	Deliverables	Timeline	Pay ment										
1	<ul style="list-style-type: none">Preparation of a detailed delivery plan / schedule (exact dates, delivery addresses, etc.) of laboratory equipment and consumables, coordination with interested parties (UNDP, KazInMetr, recipient laboratories);Purchase and delivery of Accessories for certification / calibration of the climatic chamber in Kazakhstan in accordance with the national legislation (sensors and other necessary devices for calibration).Purchase and delivery of 4 Portable Tools for power quality analysis and motor energy efficiency parameters testing.Purchase and delivery of testing materials for testing the energy efficiency parameters of a household refrigeration appliance and electric motors.	Within 15 weeks after signing the contract	35%										

	2	<ul style="list-style-type: none"> • Purchase of 2 laboratory units for testing energy efficiency parameters of household refrigeration appliances and electric motors. • Delivery and installation of two laboratory units in Kazakhstan • Minimum 2 trainings of personnel of testing laboratories on operating the purchased units; • Assisting in the preparation for certification / calibration of laboratory facilities in accordance with national legislation. • Provision of the final informational report. 	Within 40 weeks after signing the contract	65%	
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 type="checkbox"/> Others <i>[pls. specify]</i> <input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with ITB requirements				
All documentations, including catalogues, instructions and operating manuals, shall be in this language	English or Russian				

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	
▪ [Add other forms as necessary]	<input 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:	2019-068 UNDP KAZ		

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) <i>(If yes, provide a Copy of the valid Certificate):</i>	[Complete]
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? <i>(If yes, provide a Copy of the valid Certificate):</i>	[Complete]
Does your Company have a written Statement of its Environmental Policy? <i>(If yes, provide a Copy)</i>	[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	Name and Title: [Complete] Telephone numbers: [Complete]

clarifications during Bid evaluation	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 ▪ Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country ▪ A list of similar services performed over the past 5 years, indicating the Customer, name of the service / work, the year service was provided and the cost if possible; ▪ At least 3 references from previous customers for similar services; ▪ Information confirming minimum 3 years of experience and interaction with testing laboratories; ▪ Information confirming minimum 3 years of experience in preparation for accreditation/calibration of testing laboratories; • Information confirming experience with international organizations

Form C: Joint Venture/Consortium/Association Information Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	2019-068 UNDP KAZ		

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]
--	------------

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:	2019-068 UNDP KAZ		

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 5 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 2018	USD
	Year 2017	USD
	Year 2016	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:	2019-068 UNDP KAZ		

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.

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
Preparation of a detailed delivery plan / schedule (exact dates, delivery addresses, etc.) of laboratory equipment and consumables, coordination with interested parties (UNDP, KazInMetr, recipient laboratories);	
Purchase and delivery of Accessories for certification / calibration of the climate chamber in Kazakhstan in accordance with the national legislation (sensors and other necessary devices for calibration).	
Purchase and delivery of 4 Portable Tools for power quality analysis and motor energy efficiency parameters testing.	
Purchase and delivery of testing materials for testing the energy efficiency parameters of a household refrigeration appliance and electric motors.	
Purchase of 2 laboratory units for testing energy efficiency parameters of household refrigeration appliances and electric motors.	
Delivery and installation of two laboratory units in Kazakhstan.	
Minimum 2 trainings of personnel of testing laboratories on operating the purchased units;	
Assisting in the preparation for certification / calibration of laboratory facilities in accordance with national legislation.	
Provision of the final informational report	

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>	
Bid Validity Period - 90 days			
Bid security – 10,350 USD (Bank Guarantee)			
Liquidated Damages Percentage of contract price per day of delay: 0.5% Max. number of calendar days of delay 30, after which UNDP may terminate the contract.			
Performance Security - 10% of contract amount			
Currency of Bid - United States Dollar			
DDP			
Warranty 12 months			

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]
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of goods and/or services]</i>
	<ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
Employment Record/ Experience	<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>
	[Insert]
References	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i>
	Reference 1: [Insert] Reference 2: [Insert]

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:	2019-068 UNDP KAZ		

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: US Dollar

Price Schedule

Item #	Description	UOM	Quantity	Unit Price	Total Price
1	Expert focal point (payment for services)				
2	Preparation of a detailed delivery plan / schedule (exact dates, delivery addresses, etc.) of laboratory equipment and consumables, coordination with interested parties (UNDP, KazInMetr, recipient laboratories);				
3	Purchase and delivery of Accessories for certification / calibration of the climate chamber in Kazakhstan in accordance with the national legislation (sensors and other necessary devices for calibration).				
4	Purchase and delivery of 4 Portable Tools for power quality analysis and motor energy efficiency parameters testing.				
5	Purchase and delivery of testing materials for testing the energy efficiency parameters of a household refrigeration appliance and electric motors.				
Transportation/Delivery Cost					
Bid Subtotal DDP (Incoterms 2010)					
Installation					
Warranty					
GRAND TOTAL					

Item #	Description	UOM	Quantity	Unit Price	Total Price
6	Purchase of 2 laboratory units for testing energy efficiency parameters of household refrigeration appliances and electric motors.				
7	Delivery and installation of two laboratory units in Kazakhstan.				
Transportation/Delivery Cost					
Bid Subtotal DDP (Incoterms 2010)					
Installation					
Testing/commissioning					
Warranty					
GRAND TOTAL					
Item #	Description	UOM	Quantity	Unit Price	Total Price
8	Minimum 2 trainings of personnel of testing laboratories on operating the purchased units;				
9	Assisting in the preparation for certification / calibration of laboratory facilities in accordance with national legislation.				
10	Provision of the final informational report.				
GRAND TOTAL					

Name of Bidder: _____

Authorised signature: _____

Name of authorised signatory: _____

Functional Title: _____

FORM G: Form of Bid Security

**Bid Security must be issued using the official letterhead of the Issuing Bank.
Except for indicated fields, no changes may be made on this template.**

To: UNDP
[Insert contact information as provided in Data Sheet]

WHEREAS [Name and address of Bidder] (hereinafter called "the Bidder") has submitted a Bid to UNDP dated [Click here to enter a date.](#) to execute goods and/or services [Insert Title of Goods and/or Services] (hereinafter called "the Bid"):

AND WHEREAS it has been stipulated by you that the Bidder shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security if the Bidder:

- a) Fails to sign the Contract after UNDP has awarded it;
- b) Withdraws its Bid after the date of the opening of the Bids;
- c) Fails to comply with UNDP's variation of requirement, as per ITB instructions; or
- d) Fails to furnish Performance Security, insurances, or other documents that UNDP may require as a condition to rendering the contract effective.

AND WHEREAS we have agreed to give the Bidder such Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Bidder, up to a total of *[amount of guarantee] [in words and numbers]*, such sum being payable in the types and proportions of currencies in which the Price Bid is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of *[amount of guarantee as aforesaid]* without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

This guarantee shall be valid up to 30 days after the final date of validity of bids.

SIGNATURE AND SEAL OF THE GUARANTOR BANK

Signature: _____

Name: _____

Title: _____

Date: _____

Name of Bank _____

Address _____

[Stamp with official stamp of the Bank]