



*Empowered lives.
Resilient nations.*

INVITATION TO BID

Procurement and installation of pumps with transformer substation, and power line construction.

ITB No.: ITB-TKM-003-2018

Project: Energy Efficiency and Renewable Energy for Sustainable Water Management in Turkmenistan.

Country: Turkmenistan

Issued on: 11 September 2018

Contents

Section 1. Letter of Invitation	4
Section 2. Instruction to Bidders	5
A. GENERAL PROVISIONS.....	5
1. Introduction	5
2. Fraud & Corruption, Gifts and Hospitality	5
3. Eligibility	5
4. Conflict of Interests	6
B. PREPARATION OF BIDS.....	6
5. General Considerations.....	6
6. Cost of Preparation of Bid	6
7. Language.....	6
8. Documents Comprising the Bid	7
9. Documents Establishing the Eligibility and Qualifications of the Bidder.....	7
10. Technical Bid Format and Content.....	7
11. Price Schedule.....	7
12. Bid Security.....	7
13. Currencies	8
14. Joint Venture, Consortium or Association	8
15. Only One Bid	9
16. Bid Validity Period	9
17. Extension of Bid Validity Period	9
18. Clarification of Bid (from the Bidders)	9
19. Amendment of Bids.....	9
20. Alternative Bids.....	10
21. Pre-Bid Conference.....	10
C. SUBMISSION AND OPENING OF BIDS	10
22. Submission	10
Hard copy (manual) submission	10
Email and eTendering submissions.....	11
23. Deadline for Submission of Bids and Late Bids	11
24. Withdrawal, Substitution, and Modification of Bids	11
25. Bid Opening.....	11
D. EVALUATION OF BIDS	12
26. Confidentiality.....	12
27. Evaluation of Bids	12
28. Preliminary Examination	12
29. Evaluation of Eligibility and Qualification.....	12

30. Evaluation of Technical Bid and prices.....	12
31. Due diligence	13
32. Clarification of Bids	13
33. Responsiveness of Bid	13
34. Nonconformities, Reparable Errors and Omissions	13
E. AWARD OF CONTRACT.....	14
35. Right to Accept, Reject, Any or All Bids.....	14
36. Award Criteria	14
37. Debriefing.....	14
38. Right to Vary Requirements at the Time of Award	14
39. Contract Signature	14
40. Contract Type and General Terms and Conditions	14
41. Performance Security.....	14
42. Bank Guarantee for Advanced Payment.....	15
43. Liquidated Damages	15
44. Payment Provisions.....	15
45. Vendor Protest.....	15
46. Other Provisions.....	15
Section 3. Bid Data Sheet	16
Section 4. Evaluation Criteria.....	21
Section 5a: Schedule of Requirements and Technical Specifications/Bill of Quantities	23
Section 5b: Other Related Requirements	33
Section 6: Returnable Bidding Forms / Checklist.....	40
Form A: Bid Submission Form	42
Form B: Bidder Information Form.....	43
Form C: Joint Venture/Consortium/Association Information Form	46
Form D: Eligibility and Qualification Form	47
Form E: Technical Bid FORMAT	49

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 aygul.atabayeva@undp.org, indicating whether you intend to submit a Bid or otherwise. 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.

Approved by:




Name: Mary Risaeva
Title: Officer in Charge
UNDP Resident Representative
Date: September 11, 2018

Section 2. Instruction to Bidders

GENERAL PROVISIONS

1. Introduction
 - 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://poppp.undp.org/SitePages/POPPBSUnit.aspx?TermID=254a9f96-b883-476a-8ef8-e81f93a2b38d>
 - 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.
 - 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.
 - 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.
2. Fraud & Corruption, Gifts and Hospitality
 - 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
 - 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.
 - 2.3 In pursuance of this policy, UNDP:
 - (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;
 - (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.
 - 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
3. Eligibility
 - 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 these organizations.
 - 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.

4. Conflict of Interests
- 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:
- 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.
- 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.
- 4.3 Similarly, the Bidders must disclose in their Bid their knowledge of the following:
- 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.
- Failure to disclose such an information may result in the rejection of the Bid or Bids affected by the non-disclosure.
- 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.

B. PREPARATION OF BIDS

5. General Considerations
- 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.
- 5.2 The Bidder will not be permitted to take advantage of any errors or omissions in the ITB. Should such errors or omissions be discovered, the Bidder must notify the UNDP accordingly.
6. Cost of Preparation of Bid
- 6.1 The Bidder shall bear all costs related to the preparation and/or submission of the Bid, regardless of whether its Bid is selected or not. UNDP shall not be responsible or liable for those costs, regardless of the conduct or outcome of the procurement process.
7. Language
- 7.1 The Bid, as well as any and all related correspondence exchanged by the Bidder

and UNDP, shall be written in the language (s) specified in the BDS.

- | | |
|--|--|
| 8. Documents
Comprising the Bid | 8.1 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 | 10.1 The Bidder is required to submit a Technical Bid using the Standard Forms and templates provided in Section 6 of the ITB.

10.2 Samples of items, when required as per Section 5, shall be provided within the time specified and unless otherwise specified by the Purchaser, at no expense to the UNDP. If not destroyed by testing, samples will be returned at Bidder's request and expense, unless otherwise specified.

10.3 When applicable and required as per Section 5, the Bidder shall describe the necessary training programme available for the maintenance and operation of the equipment offered as well as the cost to the UNDP. Unless otherwise specified, such training as well as training materials shall be provided in the language of the Bid as specified in the BDS.

10.4 When applicable and required as per Section 5, the Bidder shall certify the availability of spare parts for a period of at least five (5) years from date of delivery, or as otherwise specified in this ITB. |
| 11. Price Schedule | 11.1 The Price Schedule shall be prepared using the Form provided in Section 6 of the ITB and taking into consideration the requirements in the ITB.

11.2 Any requirement described in the Technical Bid but not priced in the Price Schedule, shall be assumed to be included in the prices of other activities or items, as well as in the final total price. |
| 12. Bid Security | 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.

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.

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.

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.

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: <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:
 - 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
- 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:
- 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
- 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.
- 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.
- 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.
- 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.
- 14.5 A JV, Consortium or Association in presenting its track record and experience should clearly differentiate between:
- 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.
- 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
- 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.

- | | |
|---|---|
| 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; orb) any one of them receive or have received any direct or indirect subsidy from the other/s; orc) they have the same legal representative for purposes of this ITB; ord) 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</p> |

prospective bidders.

- 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.

20. Alternative Bids

- 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.
- 20.2 If multiple/alternative bids are being submitted, they must be clearly marked as "Main Bid" and "Alternative Bid"

21. Pre-Bid Conference

- 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.

C. SUBMISSION AND OPENING OF BIDS

22. Submission

- 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.
- 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.
- 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.

Hard copy (manual) submission

- 22.4 Hard copy (manual) submission by courier or hand delivery allowed or specified in the BDS shall be governed as follows:
- 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.
- (b) The Technical Bid and Price Schedule must be sealed and submitted together in an envelope, which shall:
- 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.

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.

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> <ul style="list-style-type: none"> a) Electronic files that form part of the Bid must be in accordance with the format and requirements indicated in BDS; b) Documents which are required to be in original form (e.g. Bid Security, etc.) must be sent via courier or hand delivered as per the instructions in BDS. <p>22.6 Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-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 submission of Bids.</p>
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
- 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.
- 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.
27. Evaluation of Bids
- 27.1 UNDP will conduct the evaluation solely on the basis of the Bids received.
- 27.2 Evaluation of Bids shall be undertaken in the following steps:
- 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)
 - a) Evaluation of Technical Bids
 - b) Evaluation of prices
- Detailed evaluation will be focussed on the 3 - 5 lowest priced bids. Further higher priced bids shall be added for evaluation if necessary
28. Preliminary Examination
- 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.
29. Evaluation of Eligibility and Qualification
- 29.1 Eligibility and Qualification of the Bidder will be evaluated against the Minimum Eligibility/Qualification requirements specified in the Section 4 (Evaluation Criteria).
- 29.2 In general terms, vendors that meet the following criteria may be considered qualified:
- 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
- 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.

31. Due diligence
- 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:
- a) Verification of accuracy, correctness and authenticity of information provided by the Bidder;
 - b) Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the evaluation team;
 - c) Inquiry and reference checking with Government entities with jurisdiction on the Bidder, or with previous clients, or any other entity that may have done business with the Bidder;
 - d) Inquiry and reference checking with previous clients on the performance on on-going or completed contracts, including physical inspections of previous works, as deemed necessary;
 - e) Physical inspection of the Bidder's offices, branches or other places where business transpires, with or without notice to the Bidder;
 - f) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.
32. Clarification of Bids
- 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.
- 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.
- 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.
33. Responsiveness of Bid
- 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.
- 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.
34. Nonconformities, Reparable Errors and Omissions
- 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.
- 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.
- 34.3 For the bids that have passed the preliminary examination, UNDP shall check and correct arithmetical errors as follows:
- a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of

UNDP there is an obvious misplacement of the decimal point in the unit price; in which case, the line item total as quoted shall govern and the unit price shall be corrected;

- b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail.

34.4 If the Bidder does not accept the correction of errors made by UNDP, its Bid shall 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	<p>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</p> <p>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</p>
43. Liquidated Damages	43.1	<p>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	44.1	<p>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	45.1	<p>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	46.1	<p>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>
	46.2	<p>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>
	46.3	<p>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 languages
2		Submitting Bids for Parts or sub-parts of the Schedule of Requirements (partial bids)	<p>Allowed:</p> <p>Partial Bid is allowed for individual LOT and a company must quote for all items in one LOT.</p> <p>Bidders may make complete bid for one Lot or any combination of Lots permitted. Partial bids within one Lot are NOT permitted.</p>
3	20	Alternative Bids	<p>Shall be considered.</p> <p>A Bidder may submit an alternative Bid-with more energy-efficient equipment, for example pumps with a lower power of the motor at the required level of productivity to pump the required volume of water, but only if it also submits a Bid that meets the base case (i.e., what is originally required by UNDP in this ITB). UNDP shall only consider the alternative bid offered by the Bidder whose Bid for the base case was determined to be a responsive Bid.</p>
4	21	Pre-Bid conference	<p>Will be Conducted</p> <p>Time: 11:00 a.m. Ashgabat Time</p> <p>Date : September 18, 2018</p> <p>Venue : 21 Archabil str., Ashgabat, 744036, Turkmenistan</p> <p>The UNDP focal point for the arrangement is:</p> <p>UNDP Procurement Associate</p> <p>Telephone: +993 12 48 83 11 x 209</p> <p>E-mail: aygul.atabayeva@undp.org</p>
5	16	Bid Validity Period	90 days from the date of bid submission
6	13	Bid Security	Required in the amount of USD 8,000 (or TMT equivalent calculated at official exchange rate)

Acceptable Forms of Bid Security

- Bank Guarantee (See Form G for template)
- Any Bank-issued Check / Cashier's Check / Certified Check

Validity of Bid Security:

Bid Security shall be valid up to 30 days after the final date of validity of bids (i.e. 90 days for bid validity from the date of bid submission + 30 days after the final date for validity of Bid Security)

Bid Security of unsuccessful Bidders shall be returned.

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: 0.33 % Max. number of days of delay 30 calendar days , after which UNDP may terminate the contract.
9	40	Performance Security	Not Required
10	12	Currency of Bid	United States Dollars (USD) for international bidders or TMT for local bidders. The resulting contract will be in the quoted currency of the winning bidder. Reference date for determining UN Operational Exchange Rate: August 2018
11	31	Deadline for submitting requests for clarifications/ questions	September 23, 2018
12	31	Contact Details for submitting clarifications/questions	Aygul Atabayeva, UNDP Procurement Associate Address: 21, Archabil Avenue, Ashgabat, 744036, Turkmenistan E-mail: itb.003.2018.tm@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 on September 28, 2018 : http://procurement-notice.undp.org/ http://www.tm.undp.org/ https://www.ungm.org/ https://www.devbusiness.com/
14	23	Deadline for Submission	October 12, 2018 6:00 PM Ashgabat Time Any Bid received by UNDP after this deadline shall be declared late, rejected, and returned unopened to the Bidder.

14	22	Allowable Manner of Submitting Bids	<input checked="" type="checkbox"/> Courier/Hand Delivery <input checked="" type="checkbox"/> Submission by email
15	22	Bid Submission Address	Address for submission of bids through courier/hand delivery: United Nations Development Programme (UNDP) UN Reception 21, UN Building Archabil Avenue 744036, Ashgabat, Turkmenistan
16	22	Electronic submission (email or eTendering) requirements	Official address for electronic submission by e-mail: itbsubmission.003.2018.tm@undp.org <ul style="list-style-type: none"> ✓ Format: PDF files only ✓ Mandatory subject of e-mail: ITB-TKM-003-2018 ✓ Time Zone to be Recognized: GMT+5 ✓ Maximum size of incoming message with files: 10MB ✓ All files must be free of viruses and not corrupted ✓ 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: United Nations Development Programme (UNDP) UN Reception 21, UN Building Archabil Avenue 744036, Ashgabat, Turkmenistan Note: If you send several messages due to size, in addition to above Reference to tender in the subject of e-mail, please, indicate as in the example: <i>ITB-TKM-003-2018 part 1 out of 5 in total</i> .
17	25	Date, time and venue for the opening of bid	Date and Time: October 12, 2018 6:15 PM Venue: United Nations Development Programme (UNDP) UN Reception 21, UN Building Archabil Avenue 744036, Ashgabat, Turkmenistan Note: Interested bidders to participate in public bid opening, should e-mail the name of participant to aygul.atabayeva@undp.org email 24 hours prior to the bid opening time.
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	November 2018

20		Maximum expected duration of contract	December 2019
			All equipment needs to be delivered to the destination location within 60 (sixty) working days from the contract signature date; the construction of the pump stations and power lines has to be completed within 30 (thirty) days from the delivery of the equipment and materials.
21	35	UNDP will award the contract to:	One or more suppliers
			Contracts awards will be made on a Lot by Lot basis. A bidder can submit its bid for any individual lot or combination of Lots. Every Lot will be evaluated separately in line with the criteria in Section 4.
			UNDP reserves the right to award one, all or individual lots in any combination to one supplier or several suppliers, depending on the interests of UNDP.
22	39	Type of Contract	Contract for Civil Works 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 Works http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
24		Other Information Related to the ITB	Other Information Related to the ITB
		Title of Goods/Services/Work Required:	<p>The scope of work under this tender includes the procurement and installation of pumping units with transformer substation, and construction of a power line (LEP) for individual lots in the following regions:</p> <p><u>Lot 1:</u></p> <p>Ashgabat:</p> <ul style="list-style-type: none"> • supply and installation of 1 (one) pumping unit; • construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed. <p>Yenish 2" FA, Sayat etrap of Lebap velayat:</p> <ul style="list-style-type: none"> • supply and installation of 1 (one) pumping unit; • construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed. <p>"Chashdepe" FA, Murgap etrap of Mary velayat:</p> <ul style="list-style-type: none"> • supply and installation of 1 (one) pumping unit;

- construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed.

"Sumbar-1" FA, Magtymguly etrap of Balkan velayat:

- supply and installation of 1 (one) pumping unit; construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed.

Lot 2:

"Hakykat" Farmers Association (FA), Koneurgench etrap (district) of Dashoguz velayat (region):

- supply and installation of 1 (one) pumping unit;
- construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed;
- supply and installation of 1 (one) transformer substation; construction of power line 340 meters.

Количество копий тендерного предложения, подлежащих подаче

Оригинал: 1 (один)

Копии: 1 (одна), в дополнение к двум (2) электронным копиям на CD/DVD

Представляемые материалы должны быть идентичными и содержать все необходимые документы. В случае каких-либо несоответствий, главенствовать будет «оригинальное предложение», представленное в печатном виде.

Other Information Related to the ITB

Additional information with the geographic characteristics of the site can be found in the section 5a;

Drawings, design and explanatory notes, which are an integral part of this ITB can be obtained on CDs in UN Registry at above-mentioned address.

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:

IMPORTANT: Bids that do not include documents OR do not meet requirements under a, b, c, d will be rejected.

- a. Bid Security submitted as per ITB requirements with compliant validity period
- b. Required Bid Validity
- c. Power of Attorney
- d. Minimum Bid documents provided

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 ▪ If the general contractor does not have the permission of the state authorities to be present and conduct work in the country, the general contractor can team up with maximum of two local construction sub-contractors who have a valid registration certificate issued by the relevant local authorities and valid licenses in the relevant categories ▪ 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 Contracts¹	Non-performance of a contract did not occur as a result of contractor default for the last 3 years.	Form D: Qualification Form
Litigation History	No consistent history of court/arbitral award decisions against the Bidder for the last 3 years.	Form D: Qualification Form
Previous Experience	<p>Minimum 5 years of relevant experience for the company in procurement and supply of equipment/materials, construction in the field of water infrastructure.</p> <p>Minimum 2 contracts of similar value, nature and complexity implemented over the last 5 years.</p> <p><i>(For JV/Consortium/Association, all Parties cumulatively should meet requirements).</i></p>	Form D: Qualification Form
Financial Standing Участник тендера должен показать надежность своего финансового положения на данный момент, а также указать предполагаемую долгосрочную прибыльность.	<p>Minimum annual turnover: The minimum annual turnover should be twice the amount of the financial offer for 2 years out of the last 3 years (the document must be certified by a certified accountant);</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

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

List of requirements for irrigation pumps

<i>Required performance:</i>	
Purpose of the pump	Irrigation
Energy efficiency	High: - Electric motor efficiency 88-94% - Pump efficiency 78-80%
Supply, m ³ /h	Nominal - 500 l/s Possibility of stable operation at maximum flow rate - up to 600 l/s
Head, m	Nominal – 5 m Possibility of stable operation within the head range – from 2 to 12m
Recommended electric motor capacity	Maximum 75 kW(Pumps with lower electric motor capacity will have the advantage)
Excess pressure on the suction line (if available), Bar	Atmospheric pressure / Water intake from an open source
Mode of operation (continuous, periodic)	Continuous
Required pump suction head (NPSHr) for stable system operation, m	At the specified operating point not more than 5 m
<i>Pumped liquid and its properties:</i>	
Name of the pumped liquid	The main source of water is the Amu Darya River and the canals leaving it. Water has a high turbidity (high content of sand, silt, foreign particles in water): - minimum 2000 mg / liter - annual average 4000 mg / liter - maximum (flood period) 12000 mg / liter
Working temperature, °C	+0 / +50°C
Density, kg/m ³	998,2 kg/m ³
pH (for water solutions)	Shift is possible both to acidic and alkaline side
Degree of abrasiveness	High
<i>Design features, kitting</i>	
Structural design	The impeller and pump housing must be made of wear-resistant materials (stainless steel, special coatings, etc.) that guarantee a long, trouble-free transfer of water with high content of abrasives and unstable pH (high corrosive activity of pumped water)
Shaft seal type	Wear-resistant
Type of bearing lubrication (liquid, consistent)	Consistent

LOT 1:

List of Recommended Materials

for the project: "Installation of the pumping station (No.3 bis) in Ashgabat along the bypass road (Gurtly)"

Quantity	Unit of measure	No	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Offered date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7.5			
0.72	Ton	5	Reinforcement steel			
0.02	Ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)			
19.12	kg	13	Anchor A-1			
3.93	m2	14	Brick (cable cover)			
5.02	M3	15	Concrete-sand mixture M100			
1.00	Set	16	Accessories of stained glass, windows, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)			
1.00	Set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	Ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	litre	21	Anticorrosive Paint (2 layers)			
10.94	litre	22	Oil paint (2 layers)			
II. GENERAL SANITARY SYSTEM (PUMP STATION)						
10.00	meter	23	Electric-welded pipes Ø630x14	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each		
28.00	meter	24	Pipe from steel electric welded pipes Ø530x12			
10.00	meter	25	Electric-welded pipes Ø377x9			
1.00	pcs	26	Valve Ø50 PN10			
1.00	pcs	27	Electric-welded pipes Ø57x3.5			
2.00	pcs	28	Pipe-bend 90° Ø600			

2.00	pcs	29	Pipe-bend 90° Ø500	item)		
3.00	pcs	30	Pipe-bend 90° Ø350			
8.00	pcs	31	Flange with connecting packing strip Ø350			
2.00	pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	Set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	pcs	35	Flanged cast-iron gate valve D=350			
2.00	pcs	36	Compensator rubber flanged, D =350			
2.00	pcs	37	Steel taper, D= 500x350			
1.00	pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			
1.00	pcs	40	Check rotary valve D= =350			
1.00	pcs	41	Check rotary valve D=600			
3.00	pcs	42	Pressure gauge			
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT						
48.00	pcs	43	Single-pole switch for concealed installation	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	pcs	44	Wall light with LED lamp 7w			
2.00	pcs	45	7W LED Light Bulb			
15.00	meter	46	Cable 3x2,5			
5.00	meter	47	Cable 4x70+35mm2			
45.00	meter	48	Cable 3x95+1x50mm2			
15.00	meter	49	Vinyl plastic pipe D=20mm			
3.00	pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	meter	51	Strip galvanized steel 40x4mm			
1.00	pcs	52	Electric service panel with input circuit breaker			
1.00	pcs	53	Contact-breaker			
10.00	meter	54	Asbestos-cement pipe D=100mm			

List of Recommended Materials

for the project "Installation of pumping station in Yenish-2 FA in Sayat etrap (Lebap velayat)

Table 1

Table 1						
Quantity	Unit of measure	No	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Proposed date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7,5			
0.72	Ton	5	Reinforcement steel			
0.02	ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for			

			waterproofing of the bases and walls in 2 layers)			
19.12	Kg	13	Anchor A-1			
3.93	m2	14	Brick (cable cover)			
5.02	m3	15	Concrete-sand mixture M100			
1.00	Set	16	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)			
1.00	set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	Ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	litre	21	Anticorrosive Paint (2 layers)			
10.94	litre	22	Oil paint (2 layers)			

II. GENERAL SANITARY SYSTEM (PUMP STATION)

10.00	Meter	23	Electric-welded pipes Ø630x14			
11.00	Meter	24	Pipe from steel electric welded pipes Ø530x12			
10.00	Meter	25	Electric-welded pipes Ø377x9			
1.00	pcs	26	Valve Ø50 PN10			
1.00	pcs	27	Electric-welded pipes Ø57x3.5			
2.00	pcs	28	Pipe-bend 90° Ø600			
2.00	pcs	29	Pipe-bend 90° Ø500			
3.00	pcs	30	Pipe-bend 90° Ø350			
8.00	pcs	31	Flange with connecting packing strip Ø350			
2.00	pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	pcs	35	Flanged cast-iron gate valve D=350	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	pcs	36	Compensator rubber flanged, D=350			
2.00	pcs	37	Steel taper, D= 500x350			
1.00	pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			
1.00	pcs	40	Check rotary valve D=350			
1.00	pcs	41	Check rotary valve D=600			
3.00	pcs	42	Pressure gauge			

III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT

48.00	pcs	43	Single-pole switch for concealed installation			
2.00	pcs	44	Wall light with LED lamp 7w	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	pcs	45	7W LED Light Bulb			
15.00	Meter	46	Cable 3x2,5			
5.00	Meter	47	Cable 4x70+35mm²			
45.00	Meter	48	Cable 3x95+1x50mm²			
15.00	Meter	49	Vinyl plastic pipe D=20mm			
3.00	pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	Meter	51	Strip galvanized steel 40x4mm			

1.00	pcs	52	Electric service panel with input circuit breaker			
1.00	pcs	53	Contact-breaker			
10.00	Meter	54	Asbestos-cement pipe D=100mm			

List of Recommended Materials

for the project "Installation of pumping station in "Chashdepe" FA, Murgap etrap of Mary velayat"

Table 1

Quantity	Unit of measure	No	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Proposed date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7,5			
0.72	ton	5	Reinforcement steel			
0.02	ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)			
19.12	kg	13	Anchor A-1			
3.93	m2	14	Brick (cable cover)			
5.02	M3	15	Concrete-sand mixture M100			
1.00	set	16	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)			
1.00	set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	litre	21	Anticorrosive Paint (2 layers)			
10.94	litre	22	Oil paint (2 layers)			
II. GENERAL SANITARY SYSTEM (PUMP STATION)						
11.00	Meter	23	Electric-welded pipes Ø630x14	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the		
7.00	meter	24	Pipe from steel electric welded pipes Ø530x12			
10.00	meter	25	Electric-welded pipes Ø377x9			
1.00	pcs	26	Valve Ø50 PN10			

1.00	pcs	27	Electric-welded pipes Ø57x3.5	country of origin (for each item)		
2.00	pcs	28	Pipe-bend 90° Ø600			
2.00	pcs	29	Pipe-bend 90° Ø500			
3.00	pcs	30	Pipe-bend 90° Ø350			
8.00	pcs	31	Flange with connecting packing strip Ø350			
2.00	pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	pcs	35	Flanged cast-iron gate valve D=350			
2.00	pcs	36	Compensator rubber flanged, D=350			
2.00	pcs	37	Steel taper, D= 500x350			
1.00	pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			
1.00	pcs	40	Check rotary valve D=350			
1.00	pcs	41	Check rotary valve D=600			
3.00	pcs	42	Pressure gauge			
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT						
48.00	pcs	43	Single-pole switch for concealed installation	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	pcs	44	Wall light with LED lamp 7w			
2.00	pcs	45	7W LED Light Bulb			
15.00	meter	46	Cable 3x2,5			
5.00	meter	47	Cable 4x70+35mm²			
45.00	meter	48	Cable 3x95+1x50mm²			
15.00	meter	49	Vinyl plastic pipe D=20mm5			
3.00	pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	meter	51	Strip galvanized steel 40x4mm			
1.00	pcs	52	Electric service panel with input circuit breaker			
1.00	pcs	53	Contact-breaker			
10.00	meter	54	Asbestos-cement pipe D=100mm			

List of Recommended Materials

for the project "Installation of pumping station in Sumbar FA in Magtymguly etrap, 1030km of Karakum river (Balkan velayat)"

Table 1

Table 1						
Quantity	Unit of measure	No	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Proposed date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7,5			
0.72	ton	5	Reinforcement steel			
0.02	Ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			

1.22	m3	9	Concrete B15				
3.77	m3	10	Concrete B10				
13.80	m2	11	Bitumen-emulsion mastic (2 layers)				
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)				
19.12	kg	13	Anchor A-1				
3.93	m2	14	Brick (cable cover)				
5.02	m3	15	Concrete-sand mixture M100				
1.00	set	16	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)				
1.00	set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)				
3.83	m2	18	Metal gates				
52.70	m2	19	Metal tiling (including all accessories)				
2.82	ton	20	Metal corrugated steel of different sizes (see drawings)				
7.41	liter	21	Anticorrosive Paint (2 layers)				
10.94	liter	22	Oil paint (2 layers)				
II. GENERAL SANITARY SYSTEM (PUMP STATION)							
11.00	meter	23	Electric-welded pipes Ø630x14	Обязательно указать технические характеристики предлагаемой продукции, марку с производителем и страну происхождения (по каждому наименованию)			
10.00	meter	24	Pipe from steel electric welded pipes Ø530x12				
10.00	meter	25	Electric-welded pipes Ø377x9				
1.00	pcs	26	Valve Ø50 PN10				
1.00	pcs	27	Electric-welded pipes Ø57x3.5				
2.00	pcs	28	Pipe-bend 90° Ø600				
2.00	pcs	29	Pipe-bend 90° Ø500				
3.00	pcs	30	Pipe-bend 90° Ø350				
8.00	pcs	31	Flange with connecting packing strip Ø350				
2.00	pcs	32	Flange with connecting packing strip Ø600				
252.50	m2	33	Enamel PF-133 or PF-155				
1.00	set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.				
2.00	pcs	35	Flanged cast-iron gate valve D=350				
2.00	pcs	36	Compensator rubber flanged, D=350				
2.00	pcs	37	Steel taper, D= 500x350				
1.00	pcs	38	Steel taper, D= 600x500				
2.00	pcs	39	Air combined valve, D=50				
1.00	pcs	40	Check rotary valve D=350				
1.00	pcs	41	Check rotary valve D=600				
3.00	pcs	42	Pressure gauge				
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT							
48.00	pcs	43	Single-pole switch for concealed installation		Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	pcs	44	Wall light with LED lamp 7w				
2.00	pcs	45	7W LED Light Bulb				
15.00	meter	46	Cable 3x2,5				
5.00	meter	47	Cable 4x70+35mm2				
45.00	meter	48	Cable 3x95+1x50mm2				

15.00	meter	49	Vinyl plastic pipe D=20mm			
3.00	pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	meter	51	Strip galvanized steel 40x4mm			
1.00	pcs	52	Electric service panel with input circuit breaker			
1.00	pcs	53	Contact-breaker			
10.00	meter	54	Asbestos-cement pipe D=100mm			

LOT 2:

List of Recommended Materials for the project “Installation of pumping station in Hakykat FA in Koneurgench etrap (Dashoguz velayat)”

Quantity	Unit of measure	No	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Proposed date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7,5			
0.72	Ton	5	Reinforcement steel			
0.02	Ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)			
19.12	Kg	13	Anchor A-1			
3.93	m2	14	Brick (cable cover)			
5.02	m3	15	Concrete-sand mixture M100			
1.00	Set	16	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)			
1.00	Set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	Ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	liter	21	Anticorrosive Paint (2 layers)			
10.94	liter	22	Oil paint (2 layers)			
II. GENERAL SANITARY SYSTEM (PUMP STATION)						
10.00	Meter	23	Electric-welded pipes Ø630x14	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
7.00	Meter	24	Pipe from steel electric welded pipes Ø530x12			
10.00	meter	25	Electric-welded pipes Ø377x9			
1.00	Pcs	26	Valve Ø50 PN10			
1.00	Pcs	27	Electric-welded pipes Ø57x3.5			
2.00	Pcs	28	Pipe-bend 90° Ø600			
2.00	Pcs	29	Pipe-bend 90° Ø500			
3.00	Pcs	30	Pipe-bend 90° Ø350			
8.00	pcs	31	Flange with connecting packing strip			

			Ø350			
2.00	Pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	Set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	Pcs	35	Flanged cast-iron gate valve D=350			
2.00	Pcs	36	Compensator rubber flanged, D =350			
2.00	Pcs	37	Steel taper, D= 500x350			
1.00	Pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			
1.00	Pcs	40	Check rotary valve D= 350			
1.00	Pcs	41	Check rotary valve D=600			
3.00	Pcs	42	Pressure gauge			
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT						
48.00	Pcs	43	Single-pole switch for concealed installation	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	Pcs	44	Wall light with LED lamp 7w			
2.00	Pcs	45	7W LED Light Bulb			
15.00	Meter	46	Cable 3x2,5			
5.00	Meter	47	Cable 4x70+35mm²			
45.00	Meter	48	Cable 3x95+1x50mm²			
15.00	Meter	49	Vinyl plastic pipe D=20mm			
3.00	Pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	Meter	51	Strip galvanized steel 40x4mm			
1.00	Pcs	52	Electric service panel with input circuit breaker			
1.00	Pcs	53	Contact-breaker			
10.00	Meter	54	Asbestos-cement pipe D=100mm			
IV. ELECTRIC INSTALLATION WORKS						
7.00	Pcs	55	Mount SV-10.5	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
9.00	Pcs	56	Transverse beam TM-3			
13.00	Pcs	57	Clamp X-1, X-7, X-9			
2.00	Set	58	RLND-10kv РЛНД-10кВ			
1.00	Set	59	GTPN-160/10/0.4kv complete with BSC-04kv 100kvar ГТПН-160/10/0.4 кв в комплекте с БСК-0.4кв 100квар			
40.00	Pcs	60	Insulator SF-20V			
24.00	Pcs	61	Insulator PS 70D			
3.00	Pcs	62	Insulator SF-20-G			
7.00	Pcs	63	Grounding switch horizontal made of round steel d = 10mm (VL10kV)			
20.00	Meter	64	Grounding switch horizontal made of round steel d = 10mm (GKTP)			
10.00	Pcs	65	Vertical electrode d = 12mm, L = 5 m (GKTP)			
2.00	Pcs	66	Concrete block FBS			
40.20	m2	67	Bitumen waterproofing (VL10kV+GKTP)			
2.00	Set	68	Support for RLND-10kV			
1071.00	Meter	69	Bared wire AS-50			
150.00	Meter	70	Iron wire (wire rod) d=16mm²			
5.00	Pcs	71	Knee brace assembly			

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: *[check the condition that applies to this ITB, delete the entire row if condition is not applicable to the goods being procured]*

Delivery Term [INCOTERMS 2010] (Pls. link this to price schedule)	<p>All offers' pricing will be evaluated on the basis of DDP delivery to the below indicated address (Incoterms 2010).</p> <p>Prices must be indicated on Terms of delivery DDP (delivery to destination station) in accordance with INCOTERMS 2010, including custom clearance of goods and unloading in destination station.</p>
Exact Address of Delivery/Installation Location	<p>Installation Location:</p> <p><u>Lot 1:</u></p> <p>Ashgabat:</p> <ul style="list-style-type: none"> • supply and installation of 1 (one) pumping unit; • construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed. <p>Yenish 2" FA, Sayat etrap of Lebap velayat:</p> <ul style="list-style-type: none"> • supply and installation of 1 (one) pumping unit; • construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed. <p>"Chashdepe" FA, Murgap etrap of Mary velayat:</p> <ul style="list-style-type: none"> • supply and installation of 1 (one) pumping unit; • construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed. <p>"Sumbar-1" FA, Magtymguly etrap of Balkan velayat:</p> <ul style="list-style-type: none"> • supply and installation of 1 (one) pumping unit; • construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed. <p><u>Lot 2:</u></p> <p>"Hakykat" Farmers Association (FA), Koneurgench etrap (district) of Dashoguz velayat (region):</p> <ul style="list-style-type: none"> • supply and installation of 1 (one) pumping unit; • construction of a reinforced concrete floor and fencing for pumping equipment with manufacture and installation of a metal shed; • supply and installation of 1 (one) transformer substation; • construction of power line 340 meters
Mode of Transport Preferred	At the discretion of the Supplier

UNDP Preferred Freight Forwarder, if any ²	At the discretion of the Supplier
Distribution of shipping documents (if using freight forwarder)	At the discretion of the Supplier
Customs, if required, clearing shall be done by:	The winning contractor shall be responsible for customs and duties clearance. UNDP will provide the Contractor with the necessary forms.
Ex-factory / Pre-shipment inspection	Not Required
Inspection upon delivery	Not Required
Installation Requirements	According to the requirements of the manufacturer and CST (Construction Standards of Turkmenistan)
Testing Requirements	According to the requirements of the manufacturer and CST
Scope of Training on Operation and Maintenance	After completion of all construction and installation works, the Supplier must provide a short-term one day training for maintenance/operation personnel on operation, diagnostics, maintenance and basic repair of equipment. In addition, the Supplier must provide 2 copies of the instruction manuals for the supplied equipment in Russian.
Commissioning	The supplier will carry out commissioning of the completed facility in the presence of project engineers and employees of the local operating organization
Warranty Period	<p>The Contractor shall be responsible for the maintenance of the subject works and for technical support of pump equipment for a period of (1) one calendar year effective from the day of issuance of the Certificate of Substantial Completion of the Works.</p> <p>Any damage caused by a defect in the performance of works by the contractor and identified during the period of responsibility for defects should be eliminated / repaired by the contractor at his own expense within a week after receiving written notification from the customer. If the contractor does not eliminate these damages within the above period, UNDP will perform these repairs at the expense of the contractor, the cost of which work is deducted from the amount in accordance with the Service Warranty.</p>
Local Service Support	The Bidder shall provide evidence of local authorized technical support services (name and address of entity in Ashgabat, Turkmenistan) availability for warranty/guarantee repair, maintenance etc. for the offered equipment.
Technical Support Requirements	The Bidders shall describe the warranty and post-warranty conditions provided and procedures applied. In case of repair and/or replacement of parts, the lead-time of maximum 30 calendar days should be pursued.

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.

Payment Terms	Milestone	Amount	Notes
	(1) All materials and equipment delivered	50%	The UNDP will pay the contractor 50% of the contract value upon complete delivery of materials and equipment. In this case, the UNDP may release the advance payment bank guarantee.
	(2) Construction and installation is completed and successfully tested	45%	The UNDP will pay the Contractor 45% of the contract value upon completion/installation and satisfactory testing of the system.
	(3) One year (12 months) Defect Liability Period	5%	The UNDP will withhold 5% of the contract value until the end of the one year defects liability period. The said remaining 5% of the contract value shall be returned after the end of the warranty period.
Conditions for Release of Payment	<input checked="" type="checkbox"/> Inspection upon arrival at destination <input checked="" type="checkbox"/> Installation as per Section 5A <input checked="" type="checkbox"/> Testing as per Section 5A <input checked="" type="checkbox"/> Training on Operation and Maintenance as per Section 5 A <input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with ITB requirements		
All documentations, including catalogs, instructions and operating manuals, shall be in one of these languages	<input checked="" type="checkbox"/> English or <input checked="" type="checkbox"/> Russian		
Documentation requirements	Works must be executed in accordance with construction documents and schedule of execution of works with phase issuance of documents: <ol style="list-style-type: none"> 1. Certificate of covered-up works; 2. Certificate of acceptance of completed project construction; 3. Executive technical documentation; 4. Registers of executed works. 		
Defects Liability	Any damage resulted from defect in execution by the Contractor on the executed works during the defects liability period should be repaired by the contractor and at his own expense and during a week after receiving a notice in writing from the Employer; and if the contractor does not repair these damages during the above specified period, then UNDP does these repairs at the expense of the contractor, which shall be deducted from due sums against the Maintenance Guarantee.		
Taxes	This contract is exempted from all taxes; as such taxes will not be paid under this contract.		
Packaging	The Supplier also warrants that the goods are securely packaged and marked, taking into consideration the mode(s) of shipment, in a		

	manner so as to protect the goods during delivery to their ultimate destination.
Requirements for quality of materials and equipment	Any manufacturers names, trade names, brand names or catalogue numbers used in the specifications are for the purpose of describing and establishing general performance and quality levels. Such references are not intended to be restrictive. Bids are invited on these and comparable brands or products provided the quality of the proposed products meet or exceed the quality of the specifications listed for any item.
Special Requirements	<p>1) MISCELLANEOUS</p> <p>a) Time Schedule: The contractor is required to submit a time schedule for the all activities and deliverables of the project as outlined in the Terms of Reference and the sequence of work activities. This time schedule should be reviewed and approved by the engineer before the initiation of work activities. The contractor has to update it and do all modifications deemed necessary to work activities as per the instructions of the engineer. The contractor shall carry out quantity verification to be executed before the start-up of work activities. Written approval on the scope of works shall be obtained prior to implementation process.</p> <p>b) Schedule of material supply No delays are accepted due to delay in or insufficient material supply for works in the local market. Hence a schedule for material supply is required before starting up activities. The time schedule of works should include the dates and quantities of material supply as well as the equipment supply to assure proper planning of work activities.</p> <p>c) Work plan The contractor has to submit a written work plan that illustrates the methodology to be followed in implementation of the work activities.</p> <p>d) Samples and catalogues: The contractor has to submit all catalogues for the main materials and equipment to be used on the project to verify their compliance with the technical specifications.</p> <p>e) Monthly reports and photographs. The contractor has to submit a report to reflect the obstacles and difficulties faced during the implementation of works. The contractor shall arrange to take colour photographs at locations of the works to demonstrate conditions of the site before work commences during the construction period and after completion of the works. The photographs may be required as evidence in defence of claims against the Contractor for damage to structures and property due to the execution of the works.</p> <p>f) Contract documents: All tender documents stipulated in the ITB should be submitted, signed and stamped. It is deemed that all mentioned in the technical specification (General and Specific), drawings, bill of quantities, pre-bid meeting notes and/or any addendum thereof</p>

	<p>are included in the unit prices of the items and no extra charges will be paid in that respect.</p> <p>2) WORKMANSHIP: The contractor has to engage competent workers to achieve the workmanship stated in the tender documents. It is expected that best local practices be utilized in case no specific workmanship is identified.</p> <p>3) DRAWINGS: a) The contractor has to abide to any additional detail or general drawings issued by the engineer and will be considered as part of the contract.</p> <p>4) As-Built Drawings: N/A</p> <p>5) Discrepancies and mistakes in tender documents: a) In case there is discrepancy in the tender documents, the UN Project Engineer will verify the correct specification of any item in the tendering stage. b) In case there is missing information in the contract documents or discrepancy or review and approval of the engineer, improper description of details of the items, it doesn't relieve the contractor from carrying out the item in the most correct manner as if identified and properly described in the original tender documents. c) The contractor has to inform the engineer in case of omissions, discrepancies or mistakes in the tender documents in the tendering stage and price according to the engineer's answer.</p> <p>6) INSPECTION OF SITE: The contractor is deemed to have visited and investigated the site and identified all site conditions in terms of ground nature, accessibility to site, availability of services like water & electricity and all factors affecting execution of work activities before submitting his offer. All such factors are deemed to be taken into consideration while pricing.</p> <p>7) SUB-CONTRACTORS: Sub- contractors are dealt with according to General Conditions of Contract. The main contractor should submit to UNDP the certified agreement between him and the subcontractor prior to commencement of the work.</p> <p>8) EQUIVALENCE AND ENGINEER'S INSTRUCTION: Wherever equivalence and Engineers' instruction are mentioned within the contract documents, they are interpreted to be dealt with and /or executed according to the consent of the engineer.</p> <p>9) SITE MEETINGS: Periodical site meetings will be carried out and the contractor or duly authorized delegate should attend the meetings.</p> <p>10) TESTING: The contractor at his own expenses shall provide any test as requested by the Engineer for any materials supplied, installed, or</p>
--	---

stored in the site according to the stipulated tests in the general specifications. The contractor has to secure devices and equipment that are necessary to test sanitary and electrical works as requested by the Engineer.

11) SPECIFICATIONS:

Specifications are the approved Specifications as indicated in the Section 5a.

In case there is no clear or missing specification for items, it is deemed that the contractor has based his prices on high quality materials and best practice in implementation.

12) TAKE OFF QUANTITIES AND PRICING:

- a) Description of items
The tender documents are complementary and self-explanatory and what is deemed necessary in one is deemed necessary in all. Accordingly, the item specification is not limited to item description in the bill of quantity but rather to the tender documents as a whole.
- b) Quantities
 - i) Quantities are based on actual measurements on site.
 - ii) The contractor shall reveal attachments and supporting documents for all finished quantities with each payment to the Engineer for review.
 - iii) The quantities in the Bill of Quantity are only an estimate. Actual quantities will be measured on site and approved by the engineer.
 - iv) The contractor should inform the Engineer in writing about any increase in quantities prior to execution. In case extra quantities are executed without informing the Engineer and obtaining approval on the implementation it will not be accounted in the quantities.
- c) Pricing:
 - i) Description of items: The contractor is deemed that he understood all items within the bill of quantities and that he included all required expenses for permanent or temporary works and components inclusive but not limited to overhead, profit, fees for services, materials, samples, losses in materials, equipment, etc, to achieve and maintain the works in first grade quality and in the correct form. No claims will be accepted for comprehensiveness in pricing.
 - ii) The contractor shall not include the price of any BOQ item in another one. All prices of items should be adequate to execute the relevant task individually.
 - iii) The cost of any item in the BOQ shall include all prices of raw material, workmanship, profits, and all direct and indirect implicated costs of the implementation of the project.
 - iv) Any un-priced item in the BOQ is considered as included in the price of other items and the contractor does not have the right to price it later or cancel it.
 - v) The contractor is deemed to base his prices according to proper breakdown of cost. Hence, he is expected to submit such price analysis within his offer upon UNDP request.
 - vi) **The unit rates shouldn't include VAT. All payments will be processed according to Zero VAT invoices.** The contractor

	<p>has to include all expenses that might occur in his overhead expenses and no claims will be accepted regarding this issue.</p> <p>vii) Price shall include fees of testing according to specification and engineer's instruction. UNDP has the right to change the testing laboratory from time to time.</p> <p>viii) The contractor has to submit valid income with the tender.</p> <p>13) Assistance To The Engineer-N/A</p> <p>14) Temporary installations during implementation All temporary installations needed to facilitate the implementation and completion of the project works will be carried out by the contractor at his own expense. Such temporary installations shall be removed by the contractor after completion of the project works. In case of any delays by the contractor in establishing the temporary installations or any part thereof and in the removal of these installations or any part thereof, the Engineer shall have a right to establish these temporary installations and to remove them at the end of the project at the expense of the contractor. Such expenses, if happened, will be reduced from the amounts payable to the contractor without any objection to the action or the cost.</p> <p>15) Warehouses The contractor shall establish, at his own expense, stores and warehouses to store all the building materials, especially cement and ensure the conditions necessary for the protection of stored materials from damage caused by exposure to external conditions.</p>
--	--

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** ☐
- ✓ **Form B: Bidder Information Form** ☐
 - *Company Profile*, which should not exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the goods and/or services being procured ☐
 - *Valid Certificate of Business Registration* ☐
 - *Statements of Satisfactory Performance* from the Top 3 (three) Clients or more ☐
 - *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 ☐
 - *Audited financial statements (Income statements and balance sheet) for the last three (3) years* to demonstrate the current soundness of the Bidder's financial position and its prospective long-term profitability (applies to prime contractor only) ☐
 - *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 ☐
 - *Certification or authorization* to act as Agent on behalf of the Manufacturer, or Power of Attorney ☐
 - Official appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country ☐
 - If the general contractor does not have the permission of the state authorities to be present and conduct work in the country, the general contractor can team up with maximum of two local construction sub-contractors who have a valid registration certificate issued by the relevant local authorities and *valid licenses* in the relevant categories ☐
 - Patent Registration Certificates, if any of technologies submitted in the Bid is patented by the Bidder ☐
 - *Export Licenses*, if applicable ☐
 - *Full data sheets & catalogues* for the equipment and materials required under this project including details on warranty ☐
 - *Detailed implementation work plan* (submit separate plan for each region) starting from contract signature to project completion and handover and commissioning. The work plan must show detailed list of tasks, duration, and allocated resources (labour force, machines, materials) per task ☐
 - *A list of available in ownership/rent construction equipment* (including ownership documentation or preliminary agreement/letter of intent between bidder and landlord). Full list of required construction equipment is provided in Form B. ☐
 - *Proposed team composition and structure*, as full time employment during the whole period of implementation, with recent CVs and the corresponding time-effort to be ☐

allocated for each milestone, expressed in number of working days per the following minimum requirements:

- -Civil engineer with a minimum proven experience of at least (3) years in construction of pump station and/or similar water infrastructure facilities
- -Specialist with at least 5 years of experience in installation or managing the installation (supervisor) of pumping facility and/or similar water infrastructure facilities, power lines

- ✓ **Form C: Joint Venture/Consortium/ Association Information Form** (in case of JV/Consortium/Association, enclose the following documents as an integral part of Form C):
 - *Letter of Intent to form a joint venture OR* ☐
 - *JV/Consortium/Association agreement*
- ✓ **Form D: Qualification Form** ☐
- ✓ **Form E: Format of Technical Bid/Bill of Quantities** ☐
- ✓ **Form G: Form of Bid Security** ☐
- ✓ **Completed Checklist (Section 6)** ☐

Have you provided the required documents to establish compliance with the evaluation criteria in Section 4? ☐

Price Schedule:

- **Form F: Price Schedule Form** ☐

Failure of the bidder to submit above mentioned documents may lead to rejection of the bid and render the offer technically not acceptable.

Form A: Bid Submission Form

Name of Bidder: [Insert Name of Bidder]

Date: Select date

ITB reference: ITB-TKM-003-2018

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: _____

Please do not write anything on this space

Form B: Bidder Information Form

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

contact for requests for clarifications during Bid evaluation

Please attach the following documents:

Telephone numbers: [Complete]

Email: [Complete]

- **Company Profile**, which should not exceed fifteen (15) pages, including **printed brochures and product catalogues** relevant to the goods and/or services being procured;
- Valid **Certificate of Incorporation/ Business Registration**
- **Statements of Satisfactory Performance** from the Top 3 (three) Clients or more
- **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;
- **Audited financial statements** (Income statements and balance sheet) for the last three (3) years to demonstrate the current soundness of the Bidder's financial position and its prospective long-term profitability (applies to prime contractor only);
- **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;
- **Certification or authorization to act as Agent on behalf of the Manufacturer**, or Power of Attorney;
- **Official appointment as local representative**, if Bidder is submitting a Bid on behalf of an entity located outside the country;
- If the general contractor does not have the permission of the state authorities to be present and conduct work in the country, the general contractor can team up with maximum of two local construction sub-contractors who have a valid registration certificate issued by the relevant local authorities and **valid licenses in the relevant categories**;
- Patent Registration Certificates, if any of technologies submitted in the Bid is patented by the Bidder
- **Export Licenses**, if applicable;
- **Full data sheets & catalogues** for the equipment and materials required under this project including details on warranty;
- **Detailed implementation work plan** (submit separate plan for each region) starting from contract signature to project

completion and handover and commissioning. The work plan must show detailed list of tasks, duration, and allocated resources (labour force, machines, materials) per task;

- **A list of available in ownership/rent construction equipment** (including ownership documentation or preliminary agreement/letter of intent between bidder and landlord);

Equipment description	Capacity	Quantity
Dump-truck	Up to 10t	1
Excavator	Bucket capacity 0,25m ³	1
Concrete batching plant	Capacity min. 0,75m ³	1
Truck crane	Carrying capacity 25 tons	1
Welding set	220W	1
Mobile drilling rig	Depth more than 1,5 m	1
Trailer	Length min. 11 meters	1

- **Proposed team composition and structure**, as full time employment during the whole period of implementation, with recent CVs and the corresponding time-effort to be allocated for each milestone, expressed in number of working days per the following minimum requirements:
 - Civil engineer with a minimum proven experience of at least (3) years in construction of pump station and/or similar water infrastructure facilities;
 - Specialist with at least 5 years of experience in installation or managing the installation (supervisor) of pumping facility and/or similar water infrastructure facilities, power lines.

Form C: Joint Venture/Consortium/Association Information Form

Name of Bidder: [Insert Name of Bidder]

Date: Select date

ITB reference: ITB-TKM-003-2018

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 (address, telephone numbers, fax numbers, e-mail address)	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:	ITB-TKM-003-2018		

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

History of Non- Performing Contracts

- ☐ Non-performing contracts did not occur during the last 3 years
- ☐ 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)

- ☐ No litigation history for the last 3 years
- ☐ 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	USD
	Year	USD
	Year	USD

Latest Credit Rating (if any), indicate the source

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

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

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

Form E: Format of Technical Bid

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	ITB-TKM-003-2018		

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.

LOT 1:

List of Recommended Materials

for the project: "Installation of the pumping station (No.3 bis) in Ashgabat along the bypass road (Gurtly)"

Quantity	Unit of measure	No	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Offered date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7,5			
0.72	Ton	5	Reinforcement steel			
0.02	Ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)			
19.12	kg	13	Anchor A-1			
3.93	m2	14	Brick (cable cover)			
5.02	M3	15	Concrete-sand mixture M100			
1.00	Set	16	Accessories of stained glass, windows, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)			
1.00	Set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	Ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	litre	21	Anticorrosive Paint (2 layers)			
10.94	litre	22	Oil paint (2 layers)			
II. GENERAL SANITARY SYSTEM (PUMP STATION)						
10.00	meter	23	Electric-welded pipes Ø630x14	Be sure to specify the		
28.00	meter	24	Pipe from steel electric welded pipes			

			Ø530x12	technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
10.00	meter	25	Electric-welded pipes Ø377x9			
1.00	pcs	26	Valve Ø50 PN10			
1.00	pcs	27	Electric-welded pipes Ø57x3.5			
2.00	pcs	28	Pipe-bend 90° Ø600			
2.00	pcs	29	Pipe-bend 90° Ø500			
3.00	pcs	30	Pipe-bend 90° Ø350			
8.00	pcs	31	Flange with connecting packing strip Ø350			
2.00	pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	Set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	pcs	35	Flanged cast-iron gate valve D=350			
2.00	pcs	36	Compensator rubber flanged, D=350			
2.00	pcs	37	Steel taper, D= 500x350			
1.00	pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			
1.00	pcs	40	Check rotary valve D= =350			
1.00	pcs	41	Check rotary valve D=600			
3.00	pcs	42	Pressure gauge			
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT				Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
48.00	pcs	43	Single-pole switch for concealed installation			
2.00	pcs	44	Wall light with LED lamp 7w			
2.00	pcs	45	7W LED Light Bulb			
15.00	meter	46	Cable 3x2,5			
5.00	meter	47	Cable 4x70+35mm2			
45.00	meter	48	Cable 3x95+1x50mm2			
15.00	meter	49	Vinyl plastic pipe D=20mm			
3.00	pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	meter	51	Strip galvanized steel 40x4mm			
1.00	pcs	52	Electric service panel with input circuit breaker			
1.00	pcs	53	Contact-breaker			
10.00	meter	54	Asbestos-cement pipe D=100mm			

List of Recommended Materials

for the project "Installation of pumping station in Yenish-2 FA in Sayat etrap (Lebap velayat)

Table 1

Table 1						
Quantity	Unit of measure	No	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Proposed date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			

1.75	m3	4	Cement grade B7,5	the proposed products, the brand with the manufacturer and the country of origin (for each item)		
0.72	Ton	5	Reinforcement steel			
0.02	ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)			
19.12	Kg	13	Anchor A-I			
3.93	m2	14	Brick (cable cover)			
5.02	m3	15	Concrete-sand mixture M100			
1.00	Set	16	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)			
1.00	set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	Ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	litre	21	Anticorrosive Paint (2 layers)			
10.94	litre	22	Oil paint (2 layers)			

II. GENERAL SANITARY SYSTEM (PUMP STATION)

10.00	Meter	23	Electric-welded pipes Ø630x14	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
11.00	Meter	24	Pipe from steel electric welded pipes Ø530x12			
10.00	Meter	25	Electric-welded pipes Ø377x9			
1.00	pcs	26	Valve Ø50 PN10			
1.00	pcs	27	Electric-welded pipes Ø57x3.5			
2.00	pcs	28	Pipe-bend 90° Ø600			
2.00	pcs	29	Pipe-bend 90° Ø500			
3.00	pcs	30	Pipe-bend 90° Ø350			
8.00	pcs	31	Flange with connecting packing strip Ø350			
2.00	pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	pcs	35	Flanged cast-iron gate valve D=350			
2.00	pcs	36	Compensator rubber flanged, D=350			
2.00	pcs	37	Steel taper, D= 500x350			
1.00	pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			

1.00	pcs	40	Check rotary valve D= 350			
1.00	pcs	41	Check rotary valve D=600			
3.00	pcs	42	Pressure gauge			
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT						
48.00	pcs	43	Single-pole switch for concealed installation	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	pcs	44	Wall light with LED lamp 7w			
2.00	pcs	45	7W LED Light Bulb			
15.00	Meter	46	Cable 3x2,5			
5.00	Meter	47	Cable 4x70+35mm2			
45.00	Meter	48	Cable 3x95+1x50mm2			
15.00	Meter	49	Vinyl plastic pipe D=20mm			
3.00	pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	Meter	51	Strip galvanized steel 40x4mm			
1.00	pcs	52	Electric service panel with input circuit breaker			
1.00	pcs	53	Contact-breaker			
10.00	Meter	54	Asbestos-cement pipe D=100mm			

List of Recommended Materials

for the project "Installation of pumping station in "Chashdepe" FA, Murgap etrap of Mary velayat

Table 1

Quantity	Unit of measure	Nº	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Proposed date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7.5			
0.72	ton	5	Reinforcement steel			
0.02	ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)			
19.12	kg	13	Anchor A-1			
3.93	m2	14	Brick (cable cover)			
5.02	M3	15	Concrete-sand mixture M100			
1.00	set	16	Accessories of stained glass, window, door aluminum frames and shop windows (hinges,			

			handles, locks, various bolts and screws, etc.)			
1.00	set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	litre	21	Anticorrosive Paint (2 layers)			
10.94	litre	22	Oil paint (2 layers)			
II. GENERAL SANITARY SYSTEM (PUMP STATION)						
11.00	Meter	23	Electric-welded pipes Ø630x14	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
7.00	meter	24	Pipe from steel electric welded pipes Ø530x12			
10.00	meter	25	Electric-welded pipes Ø377x9			
1.00	pcs	26	Valve Ø50 PN10			
1.00	pcs	27	Electric-welded pipes Ø57x3.5			
2.00	pcs	28	Pipe-bend 90° Ø600			
2.00	pcs	29	Pipe-bend 90° Ø500			
3.00	pcs	30	Pipe-bend 90° Ø350			
8.00	pcs	31	Flange with connecting packing strip Ø350			
2.00	pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	pcs	35	Flanged cast-iron gate valve D=350			
2.00	pcs	36	Compensator rubber flanged, D=350			
2.00	pcs	37	Steel taper, D= 500x350			
1.00	pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			
1.00	pcs	40	Check rotary valve D=350			
1.00	pcs	41	Check rotary valve D=600			
3.00	pcs	42	Pressure gauge			
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT						
48.00	pcs	43	Single-pole switch for concealed installation	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	pcs	44	Wall light with LED lamp 7w			
2.00	pcs	45	7W LED Light Bulb			
15.00	meter	46	Cable 3x2,5			
5.00	meter	47	Cable 4x70+35mm2			
45.00	meter	48	Cable 3x95+1x50mm2			
15.00	meter	49	Vinyl plastic pipe D=20mm			
3.00	pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	meter	51	Strip galvanized steel 40x4mm			
1.00	pcs	52	Electric service panel with input circuit breaker			
1.00	pcs	53	Contact-breaker			
10.00	meter	54	Asbestos-cement pipe D=100mm			

List of Recommended Materials

for the project "Installation of pumping station in Sumbar FA in Magtymguly etrap, 1030km of Karakum river (Balkan velayat)"

Table 1

Quantity	Unit of measure	Nº	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Proposed date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7.5			
0.72	ton	5	Reinforcement steel			
0.02	Ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)			
19.12	kg	13	Anchor A-I			
3.93	m2	14	Brick (cable cover)			
5.02	m3	15	Concrete-sand mixture M100			
1.00	set	16	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)			
1.00	set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	liter	21	Anticorrosive Paint (2 layers)			
10.94	liter	22	Oil paint (2 layers)			
II. GENERAL SANITARY SYSTEM (PUMP STATION)						
11.00	meter	23	Electric-welded pipes Ø630x14	Обязательно указать технические характеристики предлагаемой продукции, марку с производителем и страну происхождения (по каждому		
10.00	meter	24	Pipe from steel electric welded pipes Ø530x12			
10.00	meter	25	Electric-welded pipes Ø377x9			
1.00	pcs	26	Valve Ø50 PN10			
1.00	pcs	27	Electric-welded pipes Ø57x3.5			
2.00	pcs	28	Pipe-bend 90° Ø600			
2.00	pcs	29	Pipe-bend 90° Ø500			

3.00	pcs	30	Pipe-bend 90° Ø350	наименованию)		
8.00	pcs	31	Flange with connecting packing strip Ø350			
2.00	pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	pcs	35	Flanged cast-iron gate valve D=350			
2.00	pcs	36	Compensator rubber flanged, D =350			
2.00	pcs	37	Steel taper, D= 500x350			
1.00	pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			
1.00	pcs	40	Check rotary valve D=350			
1.00	pcs	41	Check rotary valve D=600			
3.00	pcs	42	Pressure gauge			
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT						
48.00	pcs	43	Single-pole switch for concealed installation	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	pcs	44	Wall light with LED lamp 7w			
2.00	pcs	45	7W LED Light Bulb			
15.00	meter	46	Cable 3x2,5			
5.00	meter	47	Cable 4x70+35mm2			
45.00	meter	48	Cable 3x95+1x50mm2			
15.00	meter	49	Vinyl plastic pipe D=20mm			
3.00	pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	meter	51	Strip galvanized steel 40x4mm			
1.00	pcs	52	Electric service panel with input circuit breaker			
1.00	pcs	53	Contact-breaker			
10.00	meter	54	Asbestos-cement pipe D=100mm			

LOT 2:

List of Recommended Materials

for the project "Installation of pumping station in Hakykat FA in Koncurgench etrap (Dashoguz velayat)"

Quantity	Unit of measure	No	Technical description of the required construction materials	Description of the proposed materials (specifications, manufacturer, brand, country of origin)	Deviations from the materials originally requested	Proposed date of delivery
UNDP Requirements				Offered materials (to be filled by the supplier)		
I. CONSTRUCTION WORKS						
7.80	m3	1	Sand-gravel mixture	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.40	m3	2	Sand			
3.50	m3	3	Cement grade B10			
1.75	m3	4	Cement grade B7,5			
0.72	Ton	5	Reinforcement steel			
0.02	Ton	6	Bundle iron			
65.43	m2	7	Plywood			
15.75	m3	8	Concrete B20			
1.22	m3	9	Concrete B15			
3.77	m3	10	Concrete B10			
13.80	m2	11	Bitumen-emulsion mastic (2 layers)			
120.28	m2	12	Izogum (covering substance for waterproofing of the bases and walls in 2 layers)			
19.12	Kg	13	Anchor A-I			
3.93	m2	14	Brick (cable cover)			
5.02	m3	15	Concrete-sand mixture M100			
1.00	Set	16	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)			
1.00	Set	17	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)			
3.83	m2	18	Metal gates			
52.70	m2	19	Metal tiling (including all accessories)			
2.82	Ton	20	Metal corrugated steel of different sizes (see drawings)			
7.41	liter	21	Anticorrosive Paint (2 layers)			
10.94	liter	22	Oil paint (2 layers)			
II. GENERAL SANITARY SYSTEM (PUMP STATION)						
10.00	Meter	23	Electric-welded pipes Ø630x14	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the		
7.00	Meter	24	Pipe from steel electric welded pipes Ø530x12			
10.00	meter	25	Electric-welded pipes Ø377x9			
1.00	Pcs	26	Valve Ø50 PN10			
1.00	Pcs	27	Electric-welded pipes Ø57x3.5			

2.00	Pcs	28	Pipe-bend 90° Ø600	country of origin (for each item)		
2.00	Pcs	29	Pipe-bend 90° Ø500			
3.00	Pcs	30	Pipe-bend 90° Ø350			
8.00	pcs	31	Flange with connecting packing strip Ø350			
2.00	Pcs	32	Flange with connecting packing strip Ø600			
252.50	m2	33	Enamel PF-133 or PF-155			
1.00	Set	34	Pressure rise unit Q=1800.0m³/h, H=5.0m.			
2.00	Pcs	35	Flanged cast-iron gate valve D=350			
2.00	Pcs	36	Compensator rubber flanged, D =350			
2.00	Pcs	37	Steel taper, D= 500x350			
1.00	Pcs	38	Steel taper, D= 600x500			
2.00	pcs	39	Air combined valve, D=50			
1.00	Pcs	40	Check rotary valve D= =350			
1.00	Pcs	41	Check rotary valve D=600			
3.00	Pcs	42	Pressure gauge			
III. ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT						
48.00	Pcs	43	Single-pole switch for concealed installation	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
2.00	Pcs	44	Wall light with LED lamp 7w			
2.00	Pcs	45	7W LED Light Bulb			
15.00	Meter	46	Cable 3x2,5			
5.00	Meter	47	Cable 4x70+35mm2			
45.00	Meter	48	Cable 3x95+1x50mm2			
15.00	Meter	49	Vinyl plastic pipe D=20mm			
3.00	Pcs	50	Vertical electrode, D=22mm, h=3m			
25.00	Meter	51	Strip galvanized steel 40x4mm			
1.00	Pcs	52	Electric service panel with input circuit breaker			
1.00	Pcs	53	Contact-breaker			
10.00	Meter	54	Asbestos-cement pipe D=100mm			
IV. ELECTRIC INSTALLATION WORKS						
7.00	Pcs	55	Mount SV-10,5	Be sure to specify the technical characteristics of the proposed products, the brand with the manufacturer and the country of origin (for each item)		
9.00	Pcs	56	Transverse beam TM-3			
13.00	Pcs	57	Clamp X-1, X-7, X-9			
2.00	Set	58	RLND-10kv РЛНД-10кв			
1.00	Set	59	GTPN-160/10/0.4kv complete with BSC-04kv 100kvar ГТПН-160/10/0.4 кв в комплекте с БСК-0.4кв 100квар			
40.00	Pcs	60	Insulator SF-20V			
24.00	Pcs	61	Insulator PS 70D			
3.00	Pcs	62	Insulator SF-20-G			
7.00	Pcs	63	Grounding switch horizontal made of round steel d = 10mm (VL10kv)			
20.00	Meter	64	Grounding switch horizontal made of round steel d = 10mm (GKTP)			
10.00	Pcs	65	Vertical electrode d = 12mm, L = 5 m (GKTP)			
2.00	Pcs	66	Concrete block FBS			
40.20	m2	67	Bitumen waterproofing			

			(VL10kV+GKTP)			
2.00	Set	68	Support for RLND-10kV			
1071.00	Meter	69	Bared wire AS-50			
150.00	Meter	70	Iron wire (wire rod) d=16mm2			
5.00	Pcs	71	Knee brace assembly			

Other Related services and requirements (based on the information provided in Section 5b)	Compliance with requirements		Details or comments on the related requirements
	Yes, we comply	No, we cannot comply (indicate discrepancies)	
Delivery Term: 90 days from the date of bid submission			
Warranty: The Contractor shall be responsible for the maintenance of the subject works and for technical support of pump equipment for a period of (1) one calendar year effective from the day of issuance of the Certificate of Substantial Completion of the Works.			
Local Service Support: The Bidder shall provide evidence of local authorized technical support services (name and address of entity in Ashgabat, Turkmenistan) availability for warranty/guarantee repair, maintenance etc. for the offered equipment.			
All Provisions of the UNDP General Terms and Conditions			

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: [Insert ITB Reference Number]

The Bidder is required to prepare the Price Schedule following the below format. The Price Schedule must include a detailed cost breakdown of all goods and related services to be provided. Separate figures must be provided for each functional grouping or category, if any.

Any estimates for cost-reimbursable items, such as travel of experts and out-of-pocket expenses, should be listed separately.

Currency of the Bid: [Insert Currency]

Price Schedule

LOT 1:

BILLS OF WORK VOLUME AND MATERIALS

for the project: "Installation of the pumping station (No.3 bis) in Ashgabat along the bypass road (Gurtly)"

№	Name of works	Material	Unit of measure	Quantity	Unit price in USD/TMT (work + materials & equipment)	Total in USD/TMT
		Works				
1	2	4	5	6	7	8
C	Construction works					
C-1	EARTH WORKS					
C-1-1	Mechanized soil development	works	m3	49,30		
C-1-2	Transportation of local soil within the construction site (at a distance of up to 1 km)	works	ton	81,35		
C-1-3	Moistening and compacting of the excavation pit bottom	works	m2	31,50		
C-1-4	Arrangement of sand/gravel pad with layer-by-layer compacting	materials	m3	7,80		
		works		7,80		

C-1-5	Gravel/sand mixture transportation at a distance of 5 km	works	ton	9,75		
C-1-6	Backfilling of external pockets of excavation pit with soil with compaction	works	m3	34,90		
C-1-7	Sand	materials	m3	2,40		
		works		2,40		
C-2	REINFORCED CONCRETE WORKS					
C-2-1	Arrangement of concrete preparation for foundations B10	materials	m3	3,50		
		works		3,50		
C-2-2	Arranging protective layer of concrete blinding coat B7,5, thickness 5cm	materials	m2	35,00		
		works		35,00		
C-2-3	Reinforcement mount taking into account losses	materials	ton	0,72		
		works		0,72		
C-2-4	Binding wire	materials	ton	0,02		
C-2-5	Arrangement of formwork for reinforced concrete works (including all auxiliary materials)	materials	m2	65,43		
		works		65,43		
C-2-6	Concrete works, concrete B20 c/c	materials	m3	15,75		
		works		15,75		
C-2-7	Concrete works, concrete B15	materials	m3	1,22		
		works		1,22		
C-2-8	Concrete preparation for B10 concrete floor	materials	m3	3,77		
		works		3,77		
C-3	INSULATING WORKS					
C-3-1	Priming of concrete surfaces of foundations and walls with bitumen-emulsion mastic, twice	materials	m2	6,90		
		works		6,90		
C-3-2	Arrangement of pasting waterproofing of foundations and walls in 2 layers (isogum)	materials	m2	60,14		
		works		60,14		
C-3-3	Anchor A-1	materials	kg	19,12		
C-3-4	Covering cable with bricks	materials	m3	3,93		
		works		3,93		
C-4	FLOORING WORKS					

C-4-1	Arrangement of a cement topping from cement-sand mortar M100, thickness 200 mm	materials	m2	25,10		
		works		25,10		
C-5	DOORS, WINDOWS, STAINED-GLASS WINDOWS					
C-5-1	Accessories of stained glass, windows, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-2	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-3	Metal gates	materials	m2	3,83		
		works		3,83		
C-6	ROOFING					
C-6-1	Construction of roofing from metal tiles (including all accessories)	materials	m2	52,70		
		works		52,70		
C-7	Steel structures					
C-7-1	Different metal works	materials	ton	2,82		
		works		2,82		
C-7-2	Painting of metal surfaces with anticorrosion paint, twice	materials	Liter	7,41		
		works	m2	66,00		
C-7-3	Painting of metal surfaces with oil paint, twice	materials	Liter	10,94		
		works	m2	11,93		
F-1	GENERAL SANITARY SYSTEM (PUMP STATION)					
F-1-1	Pipe from steel electric welded pipes Ø630x14	materials	m	10,00		
		works		10,00		
F-1-2	Pipe from steel electric welded pipes Ø530x12	materials	m	28,00		
		works		28,00		
F-1-3	Pipe from steel electric welded pipes Ø377x9	materials	m	10,00		
		works		10,00		
F-1-4	Valve Ø50 PN10	materials	pcs	1,00		
		works		1,00		
F-1-5	Pipe from steel electric welded pipes Ø57x3.5	materials	pcs	1,00		
		works		1,00		
F-1-6	Pipe-bend 90° Ø600	materials	pcs	2,00		

		works		2,00		
F-1-7	Pipe-bend 90° Ø500	materials	pcs	2,00		
		works		2,00		
F-1-8	Pipe-bend 90° Ø350	materials	pcs	3,00		
		works		3,00		
F-1-9	Flange with connecting packing strip Ø350	materials	pcs	8,00		
		works		8,00		
F-1-10	Flange with connecting packing strip Ø600	materials	pcs	2,00		
		works		2,00		
F-1-11	Painting of steel pipes with 2 layers of PF-133 or PF-155 enamel on grounding GF ГФ-0119	materials	m2	252,50		
		works		252,50		
F-1-12	Pressure rise unit Q=1800.0m³/h, H=5.0m.	materials	set	1,00		
		works		1,00		
F-1-13	Cast iron flanged valve d = 350	materials	pcs	2,00		
		works		2,00		
F-1-14	Compensator rubber flanged, D =350	materials	pcs	2,00		
		works		2,00		
F-1-15	Steel taper, D= 500x350		pcs	2,00		
		works		2,00		
F-1-16	Steel taper, D= 600x500	materials	pcs	1,00		
		works		1,00		
F-1-17	Air Combined valve d = 50	materials	pcs	2,00		
		works		2,00		
F-1-18	Check rotary valve D= 350	materials	pcs	1,00		
		works		1,00		
F-1-19	Check rotary valve D=600	materials	pcs	1,00		
		works		1,00		
F-1-20	Pressure gauge	materials	pcs	3,00		
		works		3,00		
D-1	ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT					
D-1-1	Single-pole switch for concealed installation	materials	pcs	48,00		
		works		48,00		
D-1-2	Wall light with LED lamp 7w	materials	pcs	2,00		
		works		2,00		
D-1-3	7W LED light bulb	materials	pcs	2,00		
		works		2,00		
D-1-4	Cable 3x2,5	materials	m	15,00		
		works		15,00		
D-1-5	Cable 4x70+35mm²	materials	m	5,00		
		works		5,00		

D-1-6	Cable 3x95+1x50mm ²	materials	m	45,00		
		works		45,00		
D-1-7	Vinyl plastic pipe D=20mm	materials	m	15,00		
		works		15,00		
D-1-8	Vertical electrode, D=22mm, h=3m	materials	pcs	3,00		
		works		3,00		
D-1-9	Strip galvanized steel 40x4mm	materials	m	25,00		
		works		25,00		
D-1-10	Electric service panel with input circuit breaker	materials	pcs	1,00		
		works		1,00		
D-1-11	Contact-breaker	materials	pcs	1,00		
		works		1,00		
D-1-12	Asbestos-cement pipe D=100mm	materials	m	10,00		
		works		10,00		
SUB-TOTAL						
Transport and Delivery costs						
Total amount for the tender DDP / DAT / DAP, unloading, customs clearance, place, country (Incoterms 2010)						
Training						
Warranty						
After-sales service						
TOTAL FOR ASHGABAT						

for the project: "Installation of pump station in Yenish-2 FA, Sayat etrap (Lebap velayat)"

№	Name of works	material	Unit of measure	Quantity	Unit price in USD/TMT (work + materials & equipment)	Total in USD/TMT
		works				
1	2	4	5	6	7	8
C	Construction works					
C-1	EARTH WORKS					
C-1-1	Mechanized soil development	works	m ³	49,30		
C-1-2	Transportation of local soil within the construction site (at a distance of up to 1 km)	works	ton	81,35		
C-1-3	Moistening and compacting of the excavation pit bottom	works	m ²	31,50		

C-1-4	Arrangement of sand/gravel pad with layer-by-layer compacting	materials	m3	7,80		
		works		7,80		
C-1-5	Gravel/sand mixture transportation at a distance of 5 km	works	ton	9,75		
C-1-6	Backfilling of external pockets of excavation pit with soil with compaction	works	m3	34,90		
C-1-7	Sand	materials	m3	2,40		
		works		2,40		
C-2	REINFORCED CONCRETE WORKS					
C-2-1	Arrangement of concrete preparation for foundations B10	materials	m3	3,50		
		works		3,50		
C-2-2	Arranging protective layer of concrete blinding coat B7,5, thickness 5cm	materials	m2	35,00		
		works		35,00		
C-2-3	Reinforcement mount taking into account losses	materials	ton	0,72		
		works		0,72		
C-2-4	Binding wire	materials	ton	0,02		
C-2-5	Arrangement of formwork for reinforced concrete works (including all auxiliary materials)	materials	m2	65,43		
		works		65,43		
C-2-6	Concrete works, concrete B20 c/c	materials	m3	15,75		
		works		15,75		
C-2-7	Concrete works, concrete B15	materials	m3	1,22		
		works		1,22		
C-2-8	Concrete preparation for B10 concrete floor	materials	m3	3,77		
		works		3,77		
C-3	INSULATING WORKS					
C-3-1	Priming of concrete surfaces of foundations and walls with bitumen-emulsion mastic, twice	materials	m2	6,90		
		works		6,90		
C-3-2	Arrangement of pasting waterproofing of foundations and walls in 2 layers (isogum)	materials	m2	60,14		
		works		60,14		
C-3-3	Anchor A-1	materials	kg	19,12		
C-3-4	Covering cable with bricks	materials	m3	3,93		

		works		3,93		
C-4	FLOORING WORKS					
C-4-1	Arrangement of a cement topping from cement-sand mortar M100, thickness 200 mm	materials	m2	25,10		
		works		25,10		
C-5	DOORS, WINDOWS, STAINED- GLASS WINDOWS					
C-5-1	Accessories of stained glass, windows, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-2	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-3	Metal gates	materials	m2	3,83		
		works		3,83		
C-6	ROOFING					
C-6-1	Construction of roofing from metal tiles (including all accessories)	materials	m2	52,70		
		works		52,70		
C-7	Steel structures					
C-7-1	Various metal works	materials	ton	2,82		
		works		2,82		
C-7-2	Painting of metal surfaces with anticorrosion paint, twice	materials	Liter	7,41		
		works	m2	66,00		
C-7-3	Painting of metal surfaces with oil paint, twice	materials	Liter	10,94		
		works	m2	11,93		
F-1	GENERAL SANITARY SYSTEM (PUMP STATION)					
F-1-1	Pipe from steel electric welded pipes Ø630x14	materials	m	10,00		
		works		10,00		
F-1-2	Pipe from steel electric welded pipes Ø530x12	materials	m	11,00		
		works		11,00		
F-1-3	Pipe from steel electric welded pipes Ø377x9	materials	m	10,00		
		works		10,00		
F-1-4	Valve Ø50 PN10	materials	pcs	1,00		
		works		1,00		

F-1-5	Pipe from steel electric welded pipes Ø57x3.5	materials	pcs	1,00		
		works		1,00		
F-1-6	Pipe-bend 90° Ø600	materials	pcs	2,00		
		works		2,00		
F-1-7	Pipe-bend 90° Ø500	materials	pcs	2,00		
		works		2,00		
F-1-8	Pipe-bend 90° Ø350	materials	pcs	3,00		
		works		3,00		
F-1-9	Flange with connecting packing strip Ø350	materials	pcs	8,00		
		works		8,00		
F-1-10	Flange with connecting packing strip Ø600	materials	pcs	2,00		
		works		2,00		
F-1-11	Painting of steel pipes with 2 layers of PF-133 or PF-155 enamel on grounding GF-0119	materials	m2	252,50		
		works		252,50		
F-1-12	Pressure rise unit Q=1800.0m³/h, H=5.0m.	materials	set	1,00		
		works		1,00		
F-1-13	Cast iron flanged valve d = 350	materials	pcs	2,00		
		works		2,00		
F-1-14	Compensator rubber flanged, D =350	materials	pcs	2,00		
		works		2,00		
F-1-15	Steel taper, D= 500x350	materials	pcs	2,00		
		works		2,00		
F-1-16	Steel taper, D= 600x500	materials	pcs	1,00		
		works		1,00		
F-1-17	Air Combined valve d = 50	materials	pcs	2,00		
		works		2,00		
F-1-18	Check rotary valve D= =350	materials	pcs	1,00		
		works		1,00		
F-1-19	Check rotary valve D=600	materials	pcs	1,00		
		works		1,00		
F-1-20	Pressure gauge	materials	pcs	3,00		
		works		3,00		
D-1	ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT					
D-1-1	Single-pole switch for concealed installation	materials	pcs	48,00		
		works		48,00		
D-1-2	Wall light with LED lamp 7w	materials	pcs	2,00		
		works		2,00		
D-1-3	7W LED light bulb	materials	pcs	2,00		
		works		2,00		
D-1-4	Cable 3x2,5	materials	m	15,00		
		works		15,00		

D-1-5	Cable 4x70+35mm2	materials	m	5,00		
		works		5,00		
D-1-6	Cable 3x95+1x50mm2	materials	m	45,00		
		works		45,00		
D-1-7	Vinyl plastic pipe D=20mm	materials	m	15,00		
		works		15,00		
D-1-8	Vertical electrode, D=22mm, h=3m	materials	pcs	3,00		
		works		3,00		
D-1-9	Strip galvanized steel 40x4mm	materials	m	25,00		
		works		25,00		
D-1-10	Electric service panel with input circuit breaker	materials	pcs	1,00		
		works		1,00		
D-1-11	Contact-breaker	materials	pcs	1,00		
		works		1,00		
D-1-12	Asbestos-cement pipe D=100mm	materials	m	10,00		
		works		10,00		
SUB-TOTAL						
Transport and Delivery costs						
Total amount for the tender DDP / DAT / DAP, unloading, customs clearance, place, country (Incoterms 2010)						
Training						
Warranty						
After-sales service						
TOTAL FOR LEBAP VEL.						

for the project "Installation of pumping station in "Chashdepe" FA, Murgap etrap of Mary velayat"

№	Name of works	material	Unit of measure	Quantity	Unit price in USD/TMT (work + materials & equipment)	Total in USD/TMT
		works				
1	2	4	5	6	7	8
C	Construction works					
C-1	EARTH WORKS					
C-1-1	Mechanized soil development	works	m ³	49,30		
C-1-2	Transportation of local soil within the construction site (at a distance of up to 1 km)	works	ton	81,35		

C-1-3	Moistening and compacting of the excavation pit bottom	works	m2	31,50		
C-1-4	Arrangement of sand/gravel pad with layer-by-layer compacting	materials	m3	7,80		
		works		7,80		
C-1-5	Gravel/sand mixture transportation at a distance of 5 km	works	ton	9,75		
C-1-6	Backfilling of external pockets of excavation pit with soil with compaction	works	m3	34,90		
C-1-7	Sand	materials	m3	2,40		
		works		2,40		
C-2	REINFORCED CONCRETE WORKS					
C-2-1	Arrangement of concrete preparation for foundations B10	materials	m3	3,50		
		works		3,50		
C-2-2	Arranging protective layer of concrete blinding coat B7,5, thickness 5cm	materials	m2	35,00		
		works		35,00		
C-2-3	Reinforcement mount taking into account losses	materials	ton	0,72		
		works		0,72		
C-2-4	Binding wire	materials	ton	0,02		
C-2-5	Arrangement of formwork for reinforced concrete works (including all auxiliary materials)	materials	m2	65,43		
		works		65,43		
C-2-6	Concrete works, concrete B20 c/c	materials	m3	15,75		
		works		15,75		
C-2-7	Concrete works, concrete B15	materials	m3	1,22		
		works		1,22		
C-2-8	Concrete preparation for B10 concrete floor	materials	m3	3,77		
		works		3,77		
C-3	INSULATING WORKS					
C-3-1	Priming of concrete surfaces of foundations and walls with bitumen-emulsion mastic, twice	materials	m2	6,90		
		works		6,90		
C-3-2	Arrangement of pasting waterproofing of foundations	materials	m2	60,14		

	and walls in 2 layers (isogum)	works		60,14		
C-3-3	Anchor A-1	materials	kg	19,12		
C-3-4	Covering cable with bricks	materials	m3	3,93		
		works		3,93		
C-4	FLOORING WORKS					
C-4-1	Arrangement of a cement topping from cement-sand mortar M100, thickness 200 mm	materials	m2	25,10		
		works		25,10		
C-5	DOORS, WINDOWS, STAINED- GLASS WINDOWS					
C-5-1	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-2	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-3	Metal gates	materials	m2	3,83		
		works		3,83		
C-6	ROOFING					
C-6-1	Construction of roofing from metal tiles (including all accessories)	materials	m2	52,70		
		works		52,70		
C-7	Steel structures					
C-7-1	Various metal works	materials	ton	2,82		
		works		2,82		
C-7-2	Painting of metal surfaces with anticorrosion paint, twice	materials	Liter	7,41		
		works	m2	66,00		
C-7-3	Painting of metal surfaces with oil paint, twice	materials	Liter	10,94		
		works	m2	11,93		
F-1	GENERAL SANITARY SYSTEM (PUMP STATION)					
F-1-1	Pipe from steel electric welded pipes Ø630x14	materials	m	11,00		
		works		11,00		
F-1-2	Pipe from steel electric welded pipes Ø530x12	materials	m	7,00		
		works		7,00		

F-1-3	Pipe from steel electric welded pipes Ø377x9	materials	m	10,00		
		works		10,00		
F-1-4	Valve Ø50 PN10	materials	pcs	1,00		
		works		1,00		
F-1-5	Pipe from steel electric welded pipes Ø57x3.5	materials	pcs	1,00		
		works		1,00		
F-1-6	Pipe-bend 90° Ø600	materials	pcs	2,00		
		works		2,00		
F-1-7	Pipe-bend 90° Ø500	materials	pcs	2,00		
		works		2,00		
F-1-8	Pipe-bend 90° Ø350	materials	pcs	3,00		
		works		3,00		
F-1-9	Flange with connecting packing strip Ø350	materials	pcs	8,00		
		works		8,00		
F-1-10	Flange with connecting packing strip Ø600	materials	pcs	2,00		
		works		2,00		
F-1-11	Painting of steel pipes with 2 layers of PF-133 or PF-155 enamel on grounding GF ГФ-0119	materials	m2	252,50		
		works		252,50		
F-1-12	Pressure rise unit Q=1800.0m³/h, H=5.0m.	materials	set	1,00		
		works		1,00		
F-1-13	Cast iron flanged valve d = 350	materials	pcs	2,00		
		works		2,00		
F-1-14	Compensator rubber flanged, D = 350	materials	pcs	2,00		
		works		2,00		
F-1-15	Steel taper, D= 500x350	materials	pcs	2,00		
		works		2,00		
F-1-16	Steel taper, D= 600x500	materials	pcs	1,00		
		works		1,00		
F-1-17	Air Combined valve d = 50	materials	pcs	2,00		
		works		2,00		
F-1-18	Check rotary valve D= 350	materials	pcs	1,00		
		works		1,00		
F-1-19	Check rotary valve D=600	materials	pcs	1,00		
		works		1,00		
F-1-20	Pressure gauge	materials	pcs	3,00		
		works		3,00		
D-1	ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT					
D-1-1	Single-pole switch for concealed installation	materials	pcs	48,00		
		works		48,00		
D-1-2	Wall light with LED lamp 7w	materials	pcs	2,00		
		works		2,00		

D-1-3	LED lamp 7w	materials	pcs	2,00		
		works		2,00		
D-1-4	Cable 3x2,5	materials	m	15,00		
		works		15,00		
D-1-5	Cable 4x70+35mm2	materials	m	5,00		
		works		5,00		
D-1-6	Cable 3x95+1x50mm2	materials	m	45,00		
		works		45,00		
D-1-7	Vinyl plastic pipe D=20mm	materials	m	15,00		
		works		15,00		
D-1-8	Vertical electrode, D=22mm, h=3m	materials	pcs	3,00		
		works		3,00		
D-1-9	Strip galvanized steel 40x4mm	materials	m	25,00		
		works		25,00		
D-1-10	Electric service panel with input automatic circuit breaker	materials	pcs	1,00		
		works		1,00		
D-1-11	Contact-breaker	materials	pcs	1,00		
		works		1,00		
D-1-12	Asbestos-cement pipe D=100mm	materials	m	10,00		
		works		10,00		
SUB-TOTAL						
Transport and Delivery costs						
Total amount for the tender DDP / DAT / DAP, unloading, customs clearance, place, country (Incoterms 2010)						
Training						
Warranty						
After-sales service						
TOTAL FOR MARY VEL.						

for the project "Installation of pump station in Sumbar FA, Magtymguly etrap, 1030km of Karakum river (Balkan velayat)"

№	Name of works	material	Unit of measure	Quantity	Unit price in USD/TMT (work + materials & equipment)	Total in USD/TMT
		works				
1	2	4	5	6	7	8
C	Construction works					
C-1	EARTH WORKS					
C-1-1	Mechanized soil development	works	m ³	49,30		

C-1-2	Transportation of local soil within the construction site (at a distance of up to 1 km)	works	ton	81,35		
C-1-3	Moistening and compacting of the excavation pit bottom	works	m2	31,50		
C-1-4	Arrangement of sand/gravel pad with layer-by-layer compacting	materials	m3	7,80		
		works		7,80		
C-1-5	Gravel/sand mixture transportation at a distance of 5 km	works	ton	9,75		
C-1-6	Backfilling of external pockets of excavation pit with soil with compaction	works	m3	34,90		
C-1-7	Sand	materials	m3	2,40		
		works		2,40		
C-2	REINFORCED CONCRETE WORKS					
C-2-1	Arrangement of concrete preparation for foundations B10	materials	m3	3,50		
		works		3,50		
C-2-2	Arranging protective layer of concrete blinding coat B7,5, thickness 5cm	materials	m2	35,00		
		works		35,00		
C-2-3	Reinforcement mount taking into account losses	materials	ton	0,72		
		works		0,72		
C-2-4	Binding wire	materials	ton	0,02		
C-2-5	Arrangement of formwork for reinforced concrete works (including all auxiliary materials)	materials	m2	65,43		
		works		65,43		
C-2-6	Concrete works, concrete B20 c/c	materials	m3	15,75		
		works		15,75		
C-2-7	Concrete works, concrete B15	materials	m3	1,22		
		works		1,22		
C-2-8	Concrete preparation for B10 concrete floor	materials	m3	3,77		
		works		3,77		
C-3	INSULATING WORKS					
C-3-1	Priming of concrete surfaces of foundations and walls with bitumen-emulsion mastic, twice	materials	m2	6,90		
		works		6,90		

C-3-2	Arrangement of pasting waterproofing of foundations and walls in 2 layers (isogum)	materials	m2	60,14		
		works		60,14		
C-3-3	Anchor A-I	materials	kg	19,12		
C-3-4	Covering cable with bricks	materials	m3	3,93		
		works		3,93		
C-4	FLOORING WORKS					
C-4-1	Arrangement of a cement topping from cement-sand mortar M100, thickness 200 mm	materials	m2	25,10		
		works		25,10		
C-5	DOORS, WINDOWS, STAINED- GLASS WINDOWS					
C-5-1	Accessories of stained glass, window, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-2	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-3	Metal gates	materials	m2	3,83		
		works		3,83		
C-6	ROOFING					
C-6-1	Construction of roofing from metal tiles (including all accessories)	materials	m2	52,70		
		works		52,70		
C-7	Steel structures					
C-7-1	Various metal works	materials	ton	2,82		
		works		2,82		
C-7-2	Painting of metal surfaces with anticorrosion paint, twice	materials	Liter	7,41		
		works	m2	66,00		
C-7-3	Painting of metal surfaces with oil paint, twice	materials	Liter	10,94		
		works	m2	11,93		
F-1	GENERAL SANITARY SYSTEM (PUMP STATION)					
F-1-1	Pipe from steel electric welded pipes Ø630x14	materials	m	11,00		
		works		11,00		
F-1-2	Pipe from steel electric welded	materials	m	10,00		

	pipes Ø530x12	works		10,00		
F-1-3	Pipe from steel electric welded pipes Ø377x9	materials	m	10,00		
		works		10,00		
F-1-4	Valve Ø50 PN10	materials	pcs	1,00		
		works		1,00		
F-1-5	Pipe from steel electric welded pipes Ø57x3.5	materials	pcs	1,00		
		works		1,00		
F-1-6	Pipe-bend 90° Ø600	materials	pcs	2,00		
		works		2,00		
F-1-7	Pipe-bend 90° Ø500	materials	pcs	2,00		
		works		2,00		
F-1-8	Pipe-bend 90° Ø350	materials	pcs	3,00		
		works		3,00		
F-1-9	Flange with connecting packing strip Ø350	materials	pcs	8,00		
		works		8,00		
F-1-10	Flange with connecting packing strip Ø600	materials	pcs	2,00		
		works		2,00		
F-1-11	Painting of steel pipes with 2 layers of PF-133 or PF-155 enamel on grounding GF FΦ-0119	materials	m2	252,50		
		works		252,50		
F-1-12	Pressure rise unit Q=1800.0m³/h, H=5.0m.	materials	set	1,00		
		works		1,00		
F-1-13	Cast iron flanged valve d = 350	materials	pcs	2,00		
		works		2,00		
F-1-14	Compensator rubber flanged, D = 350	materials	pcs	2,00		
		works		2,00		
F-1-15	Steel taper, D= 500x350	materials	pcs	2,00		
		works		2,00		
F-1-16	Steel taper, D= 600x500	materials	pcs	1,00		
		works		1,00		
F-1-17	Air Combined valve d = 50	materials	pcs	2,00		
		works		2,00		
F-1-18	Check rotary valve D= =350	materials	pcs	1,00		
		works		1,00		
F-1-19	Check rotary valve D=600	materials	pcs	1,00		
		works		1,00		
F-1-20	Pressure gauge	materials	pcs	3,00		
		works		3,00		
D-1	ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT					
D-1-1	Single-pole switch for concealed installation	materials	pcs	48,00		
		works		48,00		
D-1-2	Wall light with LED lamp 7w	materials	pcs	2,00		

		works		2,00		
D-1-3	LED lamp 7w	materials	pcs	2,00		
		works		2,00		
D-1-4	Cable 3x2,5	materials	m	15,00		
		works		15,00		
D-1-5	Cable 4x70+35mm2	materials	m	5,00		
		works		5,00		
D-1-6	Cable 3x95+1x50mm2	materials	m	45,00		
		works		45,00		
D-1-7	Vinyl plastic pipe D=20mm	materials	m	15,00		
		works		15,00		
D-1-8	Vertical electrode, D=22mm, h=3m	materials	pcs	3,00		
		works		3,00		
D-1-9	Strip galvanized steel 40x4mm	materials	m	25,00		
		works		25,00		
D-1-10	Electric service panel with input circuit breaker	materials	pcs	1,00		
		works		1,00		
D-1-11	Contact-breaker	materials	pcs	1,00		
		works		1,00		
D-1-12	Asbestos-cement pipe D=100mm	materials	m	10,00		
		works		10,00		
SUB-TOTAL						
Transport and Delivery costs						
Total amount for the tender DDP / DAT / DAP. unloading. customs clearance, place. country (Incoterms 2010)						
Training						
Warranty						
After-sales service						
TOTAL FOR BALKAN VEL.						
GRAND TOTAL LOT 1						

LOT2:

BILLS OF WORK VOLUME AND MATERIALS

for the project "Installation of pump station in Hakykat FA in Koneurgench etrap (Dashoguz velayat)"

№	Name of works	material	Unit of measure	Quantity	Unit price in USD/TMT (work + materials & equipment)	Total in USD/TMT
		works				
1	2	4	5	6	7	8
C	Construction works					
C-1	EARTH WORKS					
C-1-1	Mechanized soil development	works	m3	49,30		
C-1-2	Transportation of local soil within the construction site (at a distance of up to 1 km)	works	ton	81,35		
C-1-3	Moistening and compacting of the excavation pit bottom	works	m2	31,50		
C-1-4	Arrangement of sand/gravel pad with layer-by-layer compacting	materials	m3	7,80		
		works		7,80		
C-1-5	Gravel/sand mixture transportation at a distance of 5 km	works	ton	9,75		
C-1-6	Backfilling of external pockets of excavation pit with soil with compaction	works	m3	34,90		
C-1-7	Sand	materials	m3	2,40		
		works		2,40		
C-2	REINFORCED CONCRETE WORKS					
C-2-1	Arrangement of concrete preparation for foundations B10	materials	m3	3,50		
		works		3,50		
C-2-2	Arranging protective layer of concrete blinding coat B7,5, thickness 5cm	materials	m2	35,00		
		works		35,00		
C-2-3		materials	ton	0,72		

	Reinforcement mount taking into account losses	works		0,72		
C-2-4	Binding wire	materials	ton	0,02		
C-2-5	Arrangement of formwork for reinforced concrete works (including all auxiliary materials)	works	m2	65,43		
		materials		65,43		
C-2-6	Concrete works, concrete B20 c/c	works	m3	15,75		
		materials		15,75		
C-2-7	Concrete works, concrete B15	works	m3	1,22		
		materials		1,22		
C-2-8	Concrete preparation for B10 concrete floor	works	m3	3,77		
		materials		3,77		
C-3	INSULATING WORKS					
C-3-1	Priming of concrete surfaces of foundations and walls with bitumen-emulsion mastic, twice	materials	m2	6,90		
		works		6,90		
C-3-2	Arrangement of pasting waterproofing of foundations and walls in 2 layers (isogum)	materials	m2	60,14		
		works		60,14		
C-3-3	Anchor A-1	materials	kg	19,12		
C-3-4	Covering cable with bricks	materials	m3	3,93		
		works		3,93		
C-4	FLOORING WORKS					
C-4-1	Arrangement of a cement topping from cement-sand mortar M100, thickness 200 mm	materials	m2	25,10		
		works		25,10		
C-5	DOORS, WINDOWS, STAINED- GLASS WINDOWS					
C-5-1	Accessories of stained glass, windows, door aluminum frames and shop windows (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-2	Accessories of metal doors (hinges, handles, locks, various bolts and screws, etc.)	materials	set	1,00		
C-5-3	Metal gates	materials	m2	3,83		

		works		3,83		
C-6	ROOFING					
C-6-1	Construction of roofing from metal tiles (including all accessories)	materials	m2	52,70		
		works		52,70		
C-7	Steel structures					
C-7-1	Various metal works	materials	ton	2,82		
		works		2,82		
C-7-2	Painting of metal surfaces with anticorrosion paint, twice	materials	Liter	7,41		
		works	m2	66,00		
C-7-3	Painting of metal surfaces with oil paint, twice	materials	Liter	10,94		
		works	m2	11,93		
F-1	GENERAL SANITARY SYSTEM (PUMP STATION)					
F-1-1	Pipe from steel electric welded pipes Ø630x14	materials	m	10,00		
		works		10,00		
F-1-2	Pipe from steel electric welded pipes Ø530x12	materials	m	7,00		
		works		7,00		
F-1-3	Pipe from steel electric welded pipes Ø377x9	materials	m	10,00		
		works		10,00		
F-1-4	Valve Ø50 PN10	materials	pcs	1,00		
		works		1,00		
F-1-5	Pipe from steel electric welded pipes Ø57x3.5	materials	pcs	1,00		
		works		1,00		
F-1-6	Pipe-bend 90° Ø600	materials	pcs	2,00		
		works		2,00		
F-1-7	Pipe-bend 90° Ø500	materials	pcs	2,00		
		works		2,00		
F-1-8	Pipe-bend 90° Ø350	materials	pcs	3,00		
		works		3,00		
F-1-9	Flange with connecting packing strip Ø350	materials	pcs	8,00		
		works		8,00		
F-1-10	Flange with connecting packing strip Ø600	materials	pcs	2,00		
		works		2,00		
F-1-11	Painting of steel pipes with 2 layers of PF-133 or PF-155 enamel on grounding GF ГФ-0119	materials	m2	252,50		
		works		252,50		
F-1-12	Pressure rise unit Q=1800.0m³/h, H=5.0m.	materials	set	1,00		
		works		1,00		

F-1-13	Cast iron flanged valve d = 350	materials	pcs	2,00		
		works		2,00		
F-1-14	Compensator rubber flanged, D = 350	materials	pcs	2,00		
		works		2,00		
F-1-15	Steel taper, D= 500x350	materials	pcs	2,00		
		works		2,00		
F-1-16	Steel taper, D= 600x500	materials	pcs	1,00		
		works		1,00		
F-1-17	Air Combined valve d = 50	materials	pcs	2,00		
		works		2,00		
F-1-18	Check rotary valve D= =350	materials	pcs	1,00		
		works		1,00		
F-1-19	Check rotary valve D=600	materials	pcs	1,00		
		works		1,00		
F-1-20	Pressure gauge	materials	pcs	3,00		
		works		3,00		
D-1	ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT					
D-1-1	Single-pole switch for concealed installation	materials	pcs	48,00		
		works		48,00		
D-1-2	Wall light with LED lamp 7w	materials	pcs	2,00		
		works		2,00		
D-1-3	7W LED light bulb	materials	pcs	2,00		
		works		2,00		
D-1-4	Cable 3x2,5	materials	m	15,00		
		works		15,00		
D-1-5	Cable 4x70+35mm ²	materials	m	5,00		
		works		5,00		
D-1-6	Cable 3x95+1x50mm ²	materials	m	45,00		
		works		45,00		
D-1-7	Vinyl plastic pipe D=20mm	materials	m	15,00		
		works		15,00		
D-1-8	Vertical electrode, D=22mm, h=3m	materials	pcs	3,00		
		works		3,00		
D-1-9	Strip galvanized steel 40x4mm	materials	m	25,00		
		works		25,00		
D-1-10	Electric service panel with input circuit breaker	materials	pcs	1,00		
		works		1,00		
D-1-11	Contact-breaker	materials	pcs	1,00		
		works		1,00		
D-1-12	Asbestos-cement pipe D=100mm	materials	m	10,00		
		works		10,00		

D-2	ELECTRIC INSTALLATION WORKS					
D-2-1	Mount SV-10.5	materials	pcs	7,00		
D-2-2	Transverse beam TM-3	materials	pcs	9,00		
D-2-3	Clamp X-1, X-7, X-9	materials	pcs	13,00		
D-2-4	RLND-10kv РЛНД-10кВ	materials	set	2,00		
D-2-5	GTPN-160/10/0.4kv complete with BSC-04kv 100kvar ГТПН-160/10/0.4 кВ в комплекте с БСК-0.4кВ 100квар	materials	set	1,00		
D-2-6	Insulator SF-20V	materials	pcs	40,00		
D-2-7	Insulator PS 70D	materials	pcs	24,00		
D-2-8	Insulator SF-20-G	materials	pcs	3,00		
D-2-9	Grounding switch horizontal made of round steel d = 10mm (VL10kV)	materials	pcs	7,00		
		works		9,00		
D-2-10	Grounding switch horizontal made of round steel d = 10mm (VL10kV)	materials	m	20,00		
		works		63,00		
D-2-11	Vertical electrode d = 12mm, L = 5 m (GKTP)	materials	pcs	10,00		
		works		10,00		
D-2-12	Concrete block FBS	materials	pcs	2,00		
C-2-13	Bitumen waterproofing (VL10kV+GKTP)	materials	m2	40,20		
		works		40,20		
D-2-14	Support for RLND-10kV	materials	set	2,00		
D-2-15	Bared wire AS-50	materials	m	1 071,00		
D-2-16	Iron wire (wire rod) d=16mm2	materials	m	150,00		
D-2-17	Knee brace assembly	materials	pcs	5,00		
D-2-18	Construction of overhead power transmission line 10kV	works	km	0,34		
D-2-19	Installation of the transformer GTKP-160/10 / 0.4 kV with subsequent testing of installed equipment and commissioning.	works	set	1,00		
SUB-TOTAL						
Transport and Delivery costs						
Total amount for the tender DDP / DAT / DAP, unloading, customs clearance, place, country (Incoterms 2010)						
Installation						
Education						
Warranty						
After-sales service						
GRAND TOTAL FOR DASHOGUZ VEL.-LOT 2:						

The bidders must complete the table on materials and equipment, taking into account the schemes and technological charts for the types of work.

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]