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**DEADLINE EXTENDED TILL
NOVEMBER 8, 2018**

INVITATION TO BID

Procurement and delivery of search and rescue equipment.

ITB No.: 127-2018-ITB-UNDP-DRMP

Project: Disaster Risk Management Programme

Country: Tajikistan

Issued on: 11 October 2018

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Section 1. Letter of Invitation

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

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

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

Issued by

Approved by:

Name: Mr. Tahir Kholmatov
Title: Head of Procurement Unit
Date: October 11, 2018

Name: Mr. Jan Harfst
Title: County Director
Date: October 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://popp.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

	<p>period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p> <p>2.4 All Bidders must adhere to the UN Supplier Code of Conduct, which may be found at http://www.un.org/depts/ptd/pdf/conduct_english.pdf</p>
3. Eligibility	<p>3.1 A vendor should not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations.</p> <p>3.2 It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p>
4. Conflict of Interests	<p>4.1 Bidders must strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified. Without limitation on the generality of the above, Bidders, and any of their affiliates, shall be considered to have a conflict of interest with one or more parties in this solicitation process, if they:</p> <ul style="list-style-type: none"> a) Are or have been associated in the past, with a firm or any of its affiliates which have been engaged by UNDP to provide services for the preparation of the design, specifications, Terms of Reference, cost analysis/estimation, and other documents to be used for the procurement of the goods and services in this selection process; b) Were involved in the preparation and/or design of the programme/project related to the goods and/or services requested under this ITB; or c) Are found to be in conflict for any other reason, as may be established by, or at the discretion of UNDP. <p>4.2 In the event of any uncertainty in the interpretation of a potential conflict of interest, Bidders must disclose to UNDP, and seek UNDP's confirmation on whether or not such conflict exists.</p> <p>4.3 Similarly, the Bidders must disclose in their Bid their knowledge of the following:</p> <ul style="list-style-type: none"> a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement

	<p>functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this ITB; and</p> <p>b) All other circumstances that could potentially lead to actual or perceived conflict of interest, collusion or unfair competition practices.</p> <p>Failure to disclose such an information may result in the rejection of the Bid or Bids affected by the non-disclosure.</p> <p>4.4 The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this ITB, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
B. PREPARATION OF BIDS	
5. General Considerations	<p>5.1 In preparing the Bid, the Bidder is expected to examine the ITB in detail. Material deficiencies in providing the information requested in the ITB may result in rejection of the Bid.</p> <p>5.2 The Bidder will not be permitted to take advantage of any errors or omissions in the ITB. Should such errors or omissions be discovered, the Bidder must notify the UNDP accordingly.</p>
6. Cost of Preparation of Bid	<p>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.</p>
7. Language	<p>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.</p>
8. Documents Comprising the Bid	<p>8.1 The Bid shall comprise of the following documents and related forms which details are provided in the BDS:</p> <ul style="list-style-type: none"> a) Documents Establishing the Eligibility and Qualifications of the Bidder; b) Technical Bid; c) Price Schedule; d) Bid Security, if required by BDS; e) Any attachments and/or appendices to the Bid.

9. Documents Establishing the Eligibility and Qualifications of the Bidder	<p>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.</p>
10. Technical Bid Format and Content	<p>10.1 The Bidder is required to submit a Technical Bid using the Standard Forms and templates provided in Section 6 of the ITB.</p> <p>10.2 Samples of items, when required as per Section 5, shall be provided within the time specified and unless otherwise specified by the Purchaser, at no expense to the UNDP. If not destroyed by testing, samples will be returned at Bidder's request and expense, unless otherwise specified.</p> <p>10.3 When applicable and required as per Section 5, the Bidder shall describe the necessary training programme available for the maintenance and operation of the equipment offered as well as the cost to the UNDP. Unless otherwise specified, such training as well as training materials shall be provided in the language of the Bid as specified in the BDS.</p> <p>10.4 When applicable and required as per Section 5, the Bidder shall certify the availability of spare parts for a period of at least five (5) years from date of delivery, or as otherwise specified in this ITB.</p>
11. Price Schedule	<p>11.1 The Price Schedule shall be prepared using the Form provided in Section 6 of the ITB and taking into consideration the requirements in the ITB.</p> <p>11.2 Any requirement described in the Technical Bid but not priced in the Price Schedule, shall be assumed to be included in the prices of other activities or items, as well as in the final total price.</p>
12. Bid Security	<p>12.1 A Bid Security, if required by BDS, shall be provided in the amount and form indicated in the BDS. The Bid Security shall be valid for a minimum of thirty (30) days after the final date of validity of the Bid.</p> <p>12.2 The Bid Security shall be included along with the Bid. If Bid Security is required by the ITB but is not found in the Bid, the offer shall be rejected.</p> <p>12.3 If the Bid Security amount or its validity period is found to be less than what is required by UNDP, UNDP shall reject the Bid.</p> <p>12.4 In the event an electronic submission is allowed in the BDS, Bidders shall include a copy of the Bid Security in their bid and the original of the Bid Security must be sent via courier or hand delivery as per the</p>

	<p>instructions in BDS.</p> <p>12.5 The Bid Security may be forfeited by UNDP, and the Bid rejected, in the event of any, or combination, of the following conditions:</p> <ul style="list-style-type: none"> a) If the Bidder withdraws its offer during the period of the Bid Validity specified in the BDS, or; b) In the event the successful Bidder fails: <ul style="list-style-type: none"> i. to sign the Contract after UNDP has issued an award; or ii. to furnish the Performance Security, insurances, or other documents that UNDP may require as a condition precedent to the effectivity of the contract that may be awarded to the Bidder.
13. Currencies	<p>13.1 All prices shall be quoted in the currency or currencies indicated in the BDS. Where Bids are quoted in different currencies, for the purposes of comparison of all Bids:</p> <ul style="list-style-type: none"> a) UNDP will convert the currency quoted in the Bid into the UNDP preferred currency, in accordance with the prevailing UN operational rate of exchange on the last day of submission of Bids; and b) In the event that UNDP selects a Bid for award that is quoted in a currency different from the preferred currency in the BDS, UNDP shall reserve the right to award the contract in the currency of UNDP's preference, using the conversion method specified above.
14. Joint Venture, Consortium or Association	<p>14.1 If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture.</p> <p>14.2 After the Deadline for Submission of Bid, the lead entity identified to represent the JV, Consortium or Association shall not be altered without the prior written consent of UNDP.</p> <p>14.3 The lead entity and the member entities of the JV, Consortium or Association shall abide by the provisions of Clause 9 herein in respect of submitting only one Bid.</p> <p>14.4 The description of the organization of the JV, Consortium or</p>

	<p>Association must clearly define the expected role of each of the entities in the joint venture in delivering the requirements of the ITB, both in the Bid and the JV, Consortium or Association Agreement. All entities that comprise the JV, Consortium or Association shall be subject to the eligibility and qualification assessment by UNDP.</p> <p>14.5 A JV, Consortium or Association in presenting its track record and experience should clearly differentiate between:</p> <ul style="list-style-type: none"> a) Those that were undertaken together by the JV, Consortium or Association; and b) Those that were undertaken by the individual entities of the JV, Consortium or Association. <p>14.6 Previous contracts completed by individual experts working privately but who are permanently or were temporarily associated with any of the member firms cannot be claimed as the experience of the JV, Consortium or Association or those of its members, but should only be claimed by the individual experts themselves in their presentation of their individual credentials</p> <p>14.7 JV, Consortium or Associations are encouraged for high value, multi-sectoral requirements when the spectrum of expertise and resources required may not be available within one firm.</p>
15. Only One Bid	<p>15.1 The Bidder (including the individual members of any Joint Venture) shall submit only one Bid, either in its own name or as part of a Joint Venture.</p> <p>15.2 Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or c) they have the same legal representative for purposes of this ITB; or d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of another Bidder regarding this ITB process; e) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this ITB process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.

16. Bid Validity Period	<p>16.1 Bids shall remain valid for the period specified in the BDS, commencing on the Deadline for Submission of Bids. A Bid valid for a shorter period may be rejected by UNDP and rendered non-responsive.</p> <p>16.2 During the Bid validity period, the Bidder shall maintain its original Bid without any change, including the availability of the Key Personnel, the proposed rates and the total price.</p>
17. Extension of Bid Validity Period	<p>17.1 In exceptional circumstances, prior to the expiration of the Bid validity period, UNDP may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing, and shall be considered integral to the Bid.</p> <p>17.2 If the Bidder agrees to extend the validity of its Bid, it shall be done without any change to the original Bid.</p> <p>17.3 The Bidder has the right to refuse to extend the validity of its Bid, in which case, the Bid shall not be further evaluated.</p>
18. Clarification of Bid (from the Bidders)	<p>18.1 Bidders may request clarifications on any of the ITB documents no later than the date indicated in the BDS. Any request for clarification must be sent in writing in the manner indicated in the BDS. If inquiries are sent other than specified channel, even if they are sent to a UNDP staff member, UNDP shall have no obligation to respond or confirm that the query was officially received.</p> <p>18.2 UNDP will provide the responses to clarifications through the method specified in the BDS.</p> <p>18.3 UNDP shall endeavour to provide responses to clarifications in an expeditious manner, but any delay in such response shall not cause an obligation on the part of UNDP to extend the submission date of the Bids, unless UNDP deems that such an extension is justified and necessary.</p>
19. Amendment of Bids	<p>19.1 At any time prior to the deadline of Bid submission, UNDP may for any reason, such as in response to a clarification requested by a Bidder, modify the ITB in the form of an amendment to the ITB. Amendments will be made available to all prospective bidders.</p> <p>19.2 If the amendment is substantial, UNDP may extend the Deadline for submission of Bid to give the Bidders reasonable time to incorporate the amendment into their Bids.</p>
20. Alternative Bids	<p>20.1 Unless otherwise specified in the BDS, alternative Bids shall not be considered. If submission of alternative Bid is allowed by BDS, a Bidder may submit an alternative Bid, but only if it also submits a Bid</p>

	<p>conforming to the ITB requirements. Where the conditions for its acceptance are met, or justifications are clearly established, UNDP reserves the right to award a contract based on an alternative Bid.</p> <p>20.2 If multiple/alternative bids are being submitted, they must be clearly marked as “Main Bid” and “Alternative Bid”</p>
21. Pre-Bid Conference	<p>21.1 When appropriate, a pre-bid conference will be conducted at the date, time and location specified in the BDS. All Bidders are encouraged to attend. Non-attendance, however, shall not result in disqualification of an interested Bidder. Minutes of the Bidder’s conference will be disseminated on the procurement website and shared by email or on the e-Tendering platform as specified in the BDS. No verbal statement made during the conference shall modify the terms and conditions of the ITB, unless specifically incorporated in the Minutes of the Bidder’s Conference or issued/posted as an amendment to ITB.</p>
C. SUBMISSION AND OPENING OF BIDS	
22. Submission	<p>22.1 The Bidder shall submit a duly signed and complete Bid comprising the documents and forms in accordance with requirements in the BDS. The Price Schedule shall be submitted together with the Technical Bid. Bid can be delivered either personally, by courier, or by electronic method of transmission as specified in the BDS.</p> <p>22.2 The Bid shall be signed by the Bidder or person(s) duly authorized to commit the Bidder. The authorization shall be communicated through a document evidencing such authorization issued by the legal representative of the bidding entity, or a Power of Attorney, accompanying the Bid.</p> <p>22.3 Bidders must be aware that the mere act of submission of a Bid, in and of itself, implies that the Bidder fully accepts the UNDP General Contract Terms and Conditions.</p>
Hard copy (manual) submission	<p>22.4 Hard copy (manual) submission by courier or hand delivery allowed or specified in the BDS shall be governed as follows:</p> <p>a) The signed Bid shall be marked “Original”, and its copies marked “Copy” as appropriate. The number of copies is indicated in the BDS. All copies shall be made from the signed original only. If there are discrepancies between the original and the copies, the original shall prevail.</p> <p>(b) The Technical Bid and Price Schedule must be sealed and submitted together in an envelope, which shall:</p> <p>i. Bear the name of the Bidder;</p>

	<ul style="list-style-type: none"> ii. Be addressed to UNDP as specified in the BDS; and iii. Bear a warning not to open before the time and date for Bid opening as specified in the BDS. <p>If the envelope with the Bid is not sealed and marked as required, UNDP shall assume no responsibility for the misplacement, loss, or premature opening of the Bid.</p>
Email and eTendering submissions	<p>22.5 Electronic submission through email or eTendering, if allowed as specified in the BDS, shall be governed as follows:</p> <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</p>

	<p>a Bid directly in the system are provided in the Bidder User Guide and Instructional videos.</p> <p>24.4 Bids requested to be withdrawn shall be returned unopened to the Bidders (only for manual submissions), except if the bid is withdrawn after the bid has been opened.</p>
25. Bid Opening	<p>25.1 UNDP will open the Bid in the presence of an ad-hoc committee formed by UNDP of at least two (2) members.</p> <p>25.2 The Bidders' names, modifications, withdrawals, the condition of the envelope labels/seals, the number of folders/files and all other such other details as UNDP may consider appropriate, will be announced at the opening. No Bid shall be rejected at the opening stage, except for late submissions, in which case, the Bid shall be returned unopened to the Bidders.</p> <p>25.3 In the case of e-Tendering submission, bidders will receive an automatic notification once the Bid is opened.</p>
D. EVALUATION OF BIDS	
26. Confidentiality	<p>26.1 Information relating to the examination, evaluation, and comparison of Bids, and the recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process, even after publication of the contract award.</p> <p>26.2 Any effort by a Bidder or anyone on behalf of the Bidder to influence UNDP in the examination, evaluation and comparison of the Bids or contract award decisions may, at UNDP's decision, result in the rejection of its Bid and may subsequently be subject to the application of prevailing UNDP's vendor sanctions procedures.</p>
27. Evaluation of Bids	<p>27.1 UNDP will conduct the evaluation solely on the basis of the Bids received.</p> <p>27.2 Evaluation of Bids shall be undertaken in the following steps:</p> <ul style="list-style-type: none"> a) Preliminary Examination including Eligibility b) Arithmetical check and ranking of bidders who passed preliminary examination by price. c) Qualification assessment (if pre-qualification was not done) a) Evaluation of Technical Bids b) Evaluation of prices <p>Detailed evaluation will be focussed on the 3 - 5 lowest priced bids. Further higher priced bids shall be added for evaluation if necessary</p>
28. Preliminary Examination	<p>28.1 UNDP shall examine the Bids to determine whether they are complete with respect to minimum documentary requirements, whether the documents have been properly signed, and whether the</p>

	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	<p>29.1 Eligibility and Qualification of the Bidder will be evaluated against the Minimum Eligibility/Qualification requirements specified in the Section 4 (Evaluation Criteria).</p> <p>29.2 In general terms, vendors that meet the following criteria may be considered qualified:</p> <ul style="list-style-type: none"> a) They are not included in the UN Security Council 1267/1989 Committee's list of terrorists and terrorist financiers, and in UNDP's ineligible vendors' list; b) They have a good financial standing and have access to adequate financial resources to perform the contract and all existing commercial commitments, c) They have the necessary similar experience, technical expertise, production capacity, quality certifications, quality assurance procedures and other resources applicable to the supply of goods and/or services required; d) They are able to comply fully with the UNDP General Terms and Conditions of Contract; e) They do not have a consistent history of court/arbitral award decisions against the Bidder; and f) They have a record of timely and satisfactory performance with their clients.
30. Evaluation of Technical Bid and prices	<p>30.1 The evaluation team shall review and evaluate the Technical Bids on the basis of their responsiveness to the Schedule of Requirements and Technical Specifications and other documentation provided, applying the procedure indicated in the BDS and other ITB documents. When necessary, and if stated in the BDS, UNDP may invite technically responsive bidders for a presentation related to their technical Bids. The conditions for the presentation shall be provided in the bid document where required.</p>
31. Due diligence	<p>31.1 UNDP reserves the right to undertake a due diligence exercise, aimed at determining to its satisfaction, the validity of the information provided by the Bidder. Such exercise shall be fully documented and may include, but need not be limited to, all or any combination of the following:</p> <ul style="list-style-type: none"> a) Verification of accuracy, correctness and authenticity of information provided by the Bidder; b) Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the evaluation team;

	<ul style="list-style-type: none"> 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	<p>32.1 To assist in the examination, evaluation and comparison of Bids, UNDP may, at its discretion, request any Bidder for a clarification of its Bid.</p> <p>32.2 UNDP's request for clarification and the response shall be in writing and no change in the prices or substance of the Bid shall be sought, offered, or permitted, except to provide clarification, and confirm the correction of any arithmetic errors discovered by UNDP in the evaluation of the Bids, in accordance with the ITB.</p> <p>32.3 Any unsolicited clarification submitted by a Bidder in respect to its Bid, which is not a response to a request by UNDP, shall not be considered during the review and evaluation of the Bids.</p>
33. Responsiveness of Bid	<p>33.1 UNDP's determination of a Bid's responsiveness will be based on the contents of the bid itself. A substantially responsive Bid is one that conforms to all the terms, conditions, specifications and other requirements of the ITB without material deviation, reservation, or omission.</p> <p>33.2 If a bid is not substantially responsive, it shall be rejected by UNDP and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.</p>
34. Nonconformities, Repairable Errors and Omissions	<p>34.1 Provided that a Bid is substantially responsive, UNDP may waive any non-conformities or omissions in the Bid that, in the opinion of UNDP, do not constitute a material deviation.</p> <p>34.2 UNDP may request the Bidder to submit the necessary information or documentation, within a reasonable period, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p> <p>34.3 For the bids that have passed the preliminary examination, UNDP</p>

	<p>shall check and correct arithmetical errors as follows:</p> <ul style="list-style-type: none"> a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of UNDP there is an obvious misplacement of the decimal point in the unit price; in which case, the line item total as quoted shall govern and the unit price shall be corrected; b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail. <p>34.4 If the Bidder does not accept the correction of errors made by UNDP, its Bid shall be rejected.</p>
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E. AWARD OF CONTRACT

35. Right to Accept, Reject, Any or All Bids	<p>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.</p>
36. Award Criteria	<p>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.</p>
37. Debriefing	<p>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.</p>
38. Right to Vary Requirements at the Time of Award	<p>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.</p>

39. Contract Signature	39.1 Within fifteen (15) days from the date of receipt of the Contract, the successful Bidder shall sign and date the Contract and return it to UNDP. Failure to do so may constitute sufficient grounds for the annulment of the award, and forfeiture of the Bid Security, if any, and on which event, UNDP may award the Contract to the Second highest rated or call for new Bids.
40. Contract Type and General Terms and Conditions	40.1 The types of Contract to be signed and the applicable UNDP Contract General Terms and Conditions, as specified in BDS, can be accessed at http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
41. Performance Security	41.1 A performance security, if required in the BDS, shall be provided in the amount specified in BDS and form available at https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourcedoc=/UNDP POPP DOCUMENT LIBRARY/Public/PSU Solicitation Performance%20Guarantee%20Form.docx&action=default within a maximum of fifteen (15) days of the contract signature by both parties. Where a performance security is required, the receipt of the performance security by UNDP shall be a condition for rendering the contract effective.
42. Bank Guarantee for Advanced Payment	42.1 Except when the interests of UNDP so require, it is UNDP's standard practice to not make advance payment(s) (i.e., payments without having received any outputs). If an advance payment is allowed as per the BDS, and exceeds 20% of the total contract price, or USD 30,000, whichever is less, the Bidder shall submit a Bank Guarantee in the full amount of the advance payment in the form available at https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourcedoc=/UNDP POPP DOCUMENT LIBRARY/Public/PSU Contract%20Management%20Payment%20and%20Taxes Advanced%20Payment%20Guarantee%20Form.docx&action=default
43. Liquidated Damages	43.1 If specified in the BDS, UNDP shall apply Liquidated Damages for the damages and/or risks caused to UNDP resulting from the Contractor's delays or breach of its obligations as per Contract.
44. Payment Provisions	44.1 Payment will be made only upon UNDP's acceptance of the goods and/or services performed. The terms of payment shall be within thirty (30) days, after receipt of invoice and certification of acceptance of goods and/or services issued by the proper authority in UNDP with direct supervision of the Contractor. Payment will be effected by bank transfer in the currency of the contract.

45. Vendor Protest	<p>45.1 UNDP's vendor protest procedure provides an opportunity for appeal to those persons or firms not awarded a contract through a competitive procurement process. In the event that a Bidder believes that it was not treated fairly, the following link provides further details regarding UNDP vendor protest procedures: http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html</p>
46. Other Provisions	<p>46.1 In the event that the Bidder offers a lower price to the host Government (e.g. General Services Administration (GSA) of the federal government of the United States of America) for similar goods and/or services, UNDP shall be entitled to the same lower price. The UNDP General Terms and Conditions shall have precedence.</p> <p>46.2 UNDP is entitled to receive the same pricing offered by the same Contractor in contracts with the United Nations and/or its Agencies. The UNDP General Terms and Conditions shall have precedence.</p> <p>46.3 The United Nations has established restrictions on employment of (former) UN staff who have been involved in the procurement process as per bulletin ST/SGB/2006/15 http://www.un.org/en/ga/search/view_doc.asp?symbol=ST/SGB/2006/15&referer</p>

Section 3. Bid Data Sheet

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

BDS No.	Ref. to Section.2	Data	Specific Instructions / Requirements
1	7	Language of the Bid	English or Russian
2		Submitting Bids for Parts or sub-parts of the Schedule of Requirements (partial bids)	Not Allowed
3	20	Alternative Bids	Shall not be considered
4	21	Pre-Bid conference	Will not be conducted
5	16	Bid Validity Period	90 days
6	13	Bid Security	Required in the amount of USD 14,000
7	41	Advanced Payment upon signing of contract	Not Allowed
8	42	Liquidated Damages	Will be imposed as follows: Percentage of contract price per day of delay: 0.5% Max. number of days of delay 20, after which UNDP may terminate the contract.
9	40	Performance Security	Not Required
10	12	Currency of Bid	United States Dollar

11	31	Deadline for submitting requests for clarifications/questions	3 days before the submission deadline
12	31	Contact Details for submitting clarifications/questions	Focal Person in UNDP: Procurement Unit Address: 39 Aini Street, Dushanbe, Tajikistan E-mail address: procurement.tj@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
14	23	Deadline for Submission	Extended till November 8, 2018 17:00 PM (GMT+5 Dushanbe time)
14	22	Allowable Manner of Submitting Bids	<input checked="" type="checkbox"/> Courier/Hand Delivery
15	22	Bid Submission Address	United Nations Development Programme 39 Aini Street, 734024 Dushanbe, Tajikistan Attention: UNDP Tajikistan Procurement Unit and marked with: Case No.: 127-2018-ITB-UNDP-DRMP – Procurement and delivery of search and rescue equipment. NOT TO BE OPENED BY REGISTRY
16	22	Electronic submission (email or eTendering) requirements	Not Allowed
17	25	Date, time and venue for the opening of bid	Date and Time: November 9, 2018 10:30 AM Venue: UNDP Tajikistan Country Office at 39 Aini street, Dushanbe, 734024 Tajikistan.

18	27, 36	Evaluation Method for the Award of Contract	Lowest priced technically responsive, eligible and qualified bid.
19		Expected date for commencement of Contract	<i>December 10, 2018</i>
20		Maximum expected duration of contract	90 days for both LOTs
21	35	UNDP will award the contract to:	One or more Proposers, depending on the following factors : per LOT
22	39	Type of Contract	Contract for Goods and/or Services to UNDP http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
23	39	UNDP Contract Terms and Conditions that will apply	UNDP General Terms and Conditions for Contracts http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html
24		Other Information Related to the ITB	<input checked="" type="checkbox"/> <i>Bids must be submitted within the stipulated deadline;</i> <input checked="" type="checkbox"/> <i>Bids must meet required Bid Validity;</i> <input checked="" type="checkbox"/> <i>Bids have been signed by the proper authority</i>

Section 4. Evaluation Criteria

Preliminary Examination Criteria

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

- Appropriate signatures
- Minimum Bid documents provided
- Bid Validity
- Bid Security in the amount of USD 14,000

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">▪ Official appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country▪ 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	Minimum 5 years of relevant experience.	Form D: Qualification Form
	Minimum 3 contracts of similar value, nature and complexity implemented over the last 3 years. One contract with the amount not less than USD 500,000 <i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i>	Form D: Qualification Form
Financial Standing	Minimum average turnover of USD 800,000 for the last 3 years. <i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i>	Form D: Qualification Form
	Bidder must demonstrate the current soundness of its financial standing and indicate its prospective long-term profitability. <i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i>	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	Detailed analysis of the price schedule based on requirements listed in Section 5 and quoted for by the bidders in Form F. 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) Comparison with budget/internal estimates.	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.

LOT 1 - mountainous search and rescue equipment

<p>1.</p>	<p>An individual rescue device</p> <p>An individual automatic rope-release rescue device designed for emergency evacuation of people from buildings and other high-rise buildings during a fire or other emergency situation.</p> <p>The cable for the rope-drain device must be in a polyamide braid with a metal core, the core diameter should be not less than 4 mm;</p> <p>Rescue kerchief should be the link between man and the rope. It should have a triangular shape and is made of high-strength fabric, with reinforced stitching lines. The breaking load held by the kerchief is not less than 1200 kg;</p> <p>Carabiner, should be designed to connect the device body with mounting points on the building wall, a breaking load of at least 2000 kg;</p> <p>Rescue means should be atmospheric resistant and work in difficult meteorological conditions (high and low temperature from -40 to +40 C, rain, snow, high wind load);</p> <p>Descent speed on rescue equipment: not less than 1.0 m / s and not more than 1.3 m / s;</p> <p>Weight of the rescued person: up to 200 kg (weight of 2-3 adults);</p> <p>Descent height: up to 300 m;</p> <p>The time of alerting is not more than 60 seconds even for an unprepared person.</p> <p>During the descent of the first person, the second rescue kerchief should be raised from the ground to descend the next. So by the "swing" method all people who are in the critical zone must be saved.</p>	<p>20</p>	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	<p>pcs шт</p>
	<p>Индивидуальное спасательное устройство</p> <p>Индивидуальное, автоматическое канатно-спусковое спасательное устройство, предназначенное для экстренной эвакуации людей из зданий и других высотных сооружений во время пожара или другой аварийной ситуации.</p> <p>Трос для канатно-спускного устройства должно быть в полиамидной оплетки с металлическим</p>			

	<p>сердечником, Ø сердечника должен быть не менее 4 мм;</p> <p>Спасательная косынка должна являться связующим звеном между человеком и тросом. Она должна иметь треугольную форму и изготовлена из ткани повышенной прочности, с усилительной прострочкой стропами. Выдерживаемая косынкой разрывная нагрузка не менее 1200 кг;</p> <p>Карабин, должен быть предназначен для соединения корпуса устройства с точками крепления на стене здания, разрывная нагрузка не менее 2000 кг;</p> <p>Средство спасения должно быть атмосферно устойчивым и работать в сложных метеорологических условиях (повышенная и пониженная температура от - 40 до +40С, дождь, снег, повышенная ветровая нагрузка);</p> <p>Скорость спуска на спасательном оборудовании: не менее 1.0 м/с и не более 1,3 м/сек;</p> <p>Масса спасаемого человека: до 200 кг (вес 2-3 взрослых человек);</p> <p>Высота спуска: до 300 м;</p> <p>Время приведения в готовность не более 60 секунд даже у неподготовленного человека.</p> <p>Во время спуска первого человека, с земли должна подниматься вторая спасательная косынка для спуска следующего. Так методом "качелей" должны спастись все люди, находящиеся в критической зоне.</p>			
2.	<p>Gloves for rescue operations</p> <p>Gloves should be multi-functional with a high degree of flexibility, ensure perfect adhesion. Gloves should ideally be suitable for carrying out rescue operations at altitude and descending by rope. Should be high resistance to abrasion-resistant cuts, and should be breathable.</p> <p>Back: nylon black 100%, protectors on the fingers and palms;</p> <p>Lining: Kevlar;</p> <p>Protection of metacarpophalangeal joints ("knuckles") with a gray hard shell made of carbon fiber. Neoprene cuff with leather insert on the wrist.</p> <p>The inside is seamless, and a special profile on the back side for a quick descent along the rope.</p> <p>- size 7 – 40 pairs; - size 8 – 100 pairs; - size 9 – 60 pairs; - size 10 – 40 pairs;</p>	250	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	<p>pairs/ пар</p>

	<p>- size 11 – 10 pairs;</p> <p>Перчатки для аварийно-спасательных работ</p> <p>Перчатки должны быть многофункциональными с высокой степенью гибкости, обеспечивать безупречное сцепление. Перчатки должны идеально подходить для проведения спасательных работ на высоте и спуска по веревке. Обладать высокой стойкостью к порезам, быть устойчивым к истиранию, и должны быть воздухопроницаемы.</p> <p>Тыльная часть: нейлон чёрного цвета 100%, протекторы на пальцах и ладони;</p> <p>Подкладка: кевлар;</p> <p>Защита пястно-фаланговых суставов («костяшек») серой твердой оболочкой из углепластика.</p> <p>Манжета должна быть из неопрена с кожаной вставкой на запястье.</p> <p>Внутренняя часть бесшовная, и специальный профиль на тыльной стороне для быстрого спуска по веревке.</p> <p>- 7 размер– 40 пар; - 8 размер– 100 пар; - 9 размер – 60 пар; - 10 размер– 40 пар; - 11 размер– 10 пар;</p>			
3.	<p>Combined leather-working gloves.</p> <p>Application: for heavy loads, split, cotton back and wrist;</p> <p>Material: Cowhide leather split, cotton and acrylic fabric.</p> <p>Additional information: Palm, fingertips, cow leather wrist. Back of the hand and wrist should be from cotton fabric. On the back of the brush should be a protection for the knuckles of the fingers and a sewn elastic rubber strip. The lining should be made of fleecy acrylic.</p> <p>- size 7 – 40 pairs; - size 8 – 100 pairs; - size 9 – 60 pairs; - size 10 – 40 pairs; - size 11 – 10 pairs;</p> <p>Комбинированные кожаные рабочие перчатки.</p> <p>Применение: для тяжелых грузов, спилок, хлопок тыльная сторона и запястье;</p>	250	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	pairs/ пар

	<p>Материал: Кожевенный спилок из коровьей кожи, хлопок и акриловая ткань.</p> <p>Дополнительная информация: Ладонь, кончики пальцев, запястье должны быть из коровьей кожи. Тыльная сторона кисти и запястье должны быть из хлопчатобумажной ткани. На тыльной стороне кисти – должна присутствовать защита для костяшек пальцев и вшитая эластичная резиновая полоска. Подкладка должна быть из ворсистого акрила.</p> <p>- 7 размер– 40 пар; - 8 размер– 100 пар; - 9 размер – 60 пар; - 10 размер– 40 пар; - 11 размер– 10 пар;</p>			
4.	<p>Rescue stretcher</p> <p>A rescue stretcher should be designed for transportation of victims with suspected fractures and spinal injuries. Rescue board should be designed for long-term operation under extreme conditions. Should be able to use in fluoroscopic studies.</p> <p>The delivery set should include two seat belts. Also, the possibility of fastening the head restraint.</p> <p>Length in working condition: not less than 180 cm; Width: not less than 45 cm and not more than 50cm; Product weight: not more than 8 kg; Load-carrying capacity up to 160 kg; Number of fixation belts: not less than 2; Material: PEV.</p>	40	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	pcs шт
	<p>Спасательная носилка</p> <p>Спасательная носила должна быть предназначена для транспортировки пострадавших с подозрением на переломы и повреждения позвоночника.</p> <p>Спасательная доска должна быть предназначена для длительной эксплуатации в экстремальных условиях. Должна иметь возможность использования при рентгеноскопических исследованиях.</p> <p>В комплект поставки должны входить два ремня безопасности. А также возможность крепления фиксатора для головы.</p> <p>Длина в рабочем состоянии: не менее 180 см;</p>			

	<p>Ширина: не менее 45 см и не более 50см; Масса изделия: не более 8 кг; Грузоподъёмность до 160 кг; Количество ремней фиксации: не меньше 2; Материал: ПЭВ.</p>			
5.	<p>Rescue stretcher</p> <p>Rescue stretcher should be constructed of a high-density polyethylene shell supported by a permanently attached, heavy-duty, aluminum frame. Molded-in runners and handholds should make it easy to handle.</p> <p>Brass grommets should be strategically located for quick use. Adjustable Lifting Bridle. Tag lines should always be used when lifting the basket stretcher. Easily replaceable closed-cell foam pad should be attached inside the stretcher for patient comfort. Four two-piece quick-release patient restraints should be simple to use and permit the rescuers to easily change the position of the straps to fit each patient.</p> <p>Closed cell foam pad should be attached inside stretcher for patient comfort</p> <p>Application: search and rescue operations; Type: plastic; Sheath: from high-density polyethylene; One piece stretcher-basket; Frame: strong aluminum; Removable leg support and hand holes along the perimeter of the stretcher; Brass rings should serve to fix the system of lifting stretchers; X-ray transparency should allow the radiography of the hands, legs and chest; The material of the stretcher must be resistant to chemical agents, ultraviolet, not corroded and should not rust; Length not less than: 215 cm Width not less than: 60 cm; The height of the sides is not less than: 20 cm; Weight not less than: 10 kg; Maximum capacity is not less than: 270 kg; The kit should contain the following: - Device for holding stretchers in water; - Dropper holder; - Straps for lifting stretchers; - Carrying case;</p>	20	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	<p>pcs шт</p>

	- Pillow;			
	<p>Спасательные носилки</p> <p>Спасательные носилки должны быть изготовлены из полиэтиленовой оболочки высокой плотности, со сверхпрочной алюминиевой рамой. Литые и направляющие должны облегчить обращение с ними.</p> <p>Латунные прокладки должны быть стратегически расположены для быстрого использования. Регулируемая подъемная уздечка. При подъеме подрамника корзины должна быть необходимость использовать линии меток. Легко заменяемая пенопластовая ячейка с закрытыми ячейками должна быть закреплена внутри подрамника для удобства пациента. Четыре двухсекционных быстроразъемных пациента должны быть просты в использовании и позволять спасателям легко менять положение ремней для каждого пациента.</p> <p>Покрытие для закрытой ячейки должно быть прикреплено внутри подрамника для удобства пациента</p> <p>Химическая, УФ, ржавчина и коррозионная стойкость.</p> <p>Применение: поисково-спасательные операции; Тип: пластик; Оболочка: из полиэтилена высокой плотности; Цельные носилки-корзина; Рама: прочная алюминиевая; Съемная опора для ног и отверстия для рук по периметру носилок; Латунные кольца должны служить для фиксации системы подъема носилок; Рентгенопрозрачность должна позволять выполнять рентгенографию рук, ног и грудной клетки; Материал носилок должен быть устойчив к воздействию химических агентов, ультрафиолета, не подвержен коррозии и не должен ржаветь; Длина не менее: 215 см Ширина не менее: 60 см; Высота бортов не менее: 20 см; Вес не менее: 10 кг; Максимальная вместимость не менее: 270 кг; В комплекте должно быть следующее: <ul style="list-style-type: none"> - Устройство для удержания носилок в воде; - Держатель капельницы; - Ремни для подъема носилок; </p>			

	<ul style="list-style-type: none"> - Сумка-чехол; - Подушка; 			
6.	<p>Protective closed glasses</p> <p>Product Type: closed glasses; Lens Color: Gray; Lens material: polycarbonate (PC); Optical class: No. 1 (should not give distortion, should not have restrictions on the duration of wearing) Features: with additional gray 14% lens and magnetic tape; Coverage: uvex supravision excellence; Properties of the lens: anti-fogging, chemical resistance, protection from scratches; Tinted lens: transparent; Marking: W 166 34 B DIN 0196 CE - 2C-1.2 W 1 BKN CE; UV protection: not less than UV 400; Lens material: polycarbonate (PC); Color: gray, orange;</p> <p>Защитные очки закрытого типа</p> <p>Тип продукта: закрытые очки; Цвет линзы: серый; Материал линзы: поликарбонат (PC); Оптический класс: №1 (не должен давать искажений, не должен иметь ограничений по длительности ношения) Особенности: с дополнительной серой 14% линзой и магнитной лентой; Покрытие: uvex supravision excellence; Свойства линзы: защита от запотевания, химостойкость, защита от царапин; Тонировка линзы: прозрачная; Маркировка: W 166 34 B DIN 0196 CE - 2C-1.2 W 1 BKN CE;</p> <p>УФ защита: не менее UV 400; Материал линзы: поликарбонат (PC); Цвет: серый, оранжевый;</p>	200	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	pcs шт
7.	<p>Climbing rope static</p> <p>Diameter not less than: 11 mm; Material: polyamide; Linear density, kteks: not less than 79. Breaking load (kgf): not less than 3000. Dynamic jerk with a drop factor of no more than 0.3.</p>	3000	<p>Within 90 days from placement of Purchase Order</p> <p>В течении</p>	meters /метров

	<p>The maximum breakout force (coefficient $F = 0.3$): not more than 6 kN.</p> <p>Number of jerks before the break (coefficient $F = 1$): 5 pcs.</p> <p>Coefficient of knotting: 1,2.</p> <p>Elongation under load of 50/150 kg: no more than 5%.</p> <p>Breaking load, daH, not less than 2940.</p> <p>Stability of the rope with knot "8" at the ends to the static load, kN, not less than 15.5.</p> <p>Humidity: 5%.</p> <p>Can be operated at an air temperature from minus 40 ° C to plus 80 ° C.</p> <p>Application: lifting, descent and insurance of people at work and performing various technical actions at altitude.</p> <p>Альпинистская верёвка статичная</p> <p>Диаметр не менее: 11 мм;</p> <p>Материал: полиамид;</p> <p>Линейная плотность, ктекс: не менее 79.</p> <p>Разрывная нагрузка (кгс): не менее 3000.</p> <p>Динамический рывок с фактором падения не более 0,3.</p> <p>Максимальная сила рывка (коэф. $F=0.3$): не более 6 kN.</p> <p>Кол-во рывков до разрыва (коэф. $F=1$): 5 шт.</p> <p>Коэффициент узловязания: 1,2.</p> <p>Удлинение под нагрузкой 50/150 кг: не более 5 %.</p> <p>Разрывная нагрузка, даН, не менее 2940.</p> <p>Устойчивость веревки с узлом «8» на концах к статической нагрузке, кН, не менее 15,5.</p> <p>Влажность: 5%.</p> <p>Может эксплуатироваться при температуре воздуха от минус 40°C до плюс 80°C.</p> <p>Применение: подъем, спуск и страховка людей при работе и выполнении различных технических действий на высоте.</p>		90 дней с момента размещения заказа на поставку	
8.	<p>Climbing rope dynamic</p> <p>Diameter: not less than 11 mm;</p> <p>Nodding rate, not more than: 1;</p> <p>Shift braid relative to the core, mm, no more: 40;</p> <p>Elongation under load 80 kg,%, no more: 8;</p> <p>The maximum breakout force (coefficient $F = 1.77$) kN, not more than: 12;</p> <p>Number of jerks before the break (coefficient $F = 1.77$), pcs., Not less than: 3;</p>	5000	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения</p>	meters /метров

	<p>Breaking load daN, not less than: 3000; Breaking load, kgf, not less than: 3000; Humidity,%: 5; The material is threadlike;</p> <p>Application: lifting, descent and insurance of people when working and performing various technical actions at altitude.</p>		заказа на поставку	
	<p>Альпинистская верёвка динамическая</p> <p>Диаметр, мм: не менее 11; Коэффициент узловязания, не более: 1; Сдвиг оплетки относительно сердечника, мм, не более: 40; Удлинение под нагрузкой 80 кг, %, не более: 8; Максимальная сила рывка (коэффициент F=1.77) кН, не более: 12; Количество рывков до разрыва (коэффициент F=1.77), шт., не менее: 3; Разрывная нагрузка даН, не менее: 3000; Разрывная нагрузка, кгс, не менее: 3000; Влажность, %: 5; Материал: нитевидный;</p> <p>Применение: подъем, спуск и страховка людей при работе и выполнении различных технических действий на высоте;</p>			
9.	<p>Flat round sling Application: search and rescue operations / for lifting cargo; Material: high-strength polyester; Max. load is up to 1000 kg. Dimensions not less than: 1mx50mm; Effective length not less than 1 meter. At one end of the belt should be a loop, at the other end - a hook;</p>	10	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	sets /комп
	<p>Плоский круглый ремень Применение: поисково-спасательные работы / для поднятия грузов; Материал: высокопрочный полиэстер; Макс. Нагрузка до 1000 кг. Эффективная длина не менее 1 метр; Размеры не менее: 1mx50мм; На одном конце ремня должна быть петля, на другом конце – крюк;</p>			
10.	<p>Round sling 2 m, 2 tons loading capacity Application: search and rescue operations / for lifting</p>	20	Within 90 days	sets /комп

	<p>cargo; Material: high-strength polyester; Max. load capacity not less than: 2 tons; Effective belt length not less than: 2 meters; Dimensions not less than: 2mx50mm; At one end of the belt should be a loop, at the other end - a hook;</p>		<p>from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	
11.	<p>Round sling 3 m, 2-tons loading capacity Application: search and rescue operations / for lifting cargo; Material: high-strength polyester; Max. load capacity not less than: 2 tons; Dimensions not less than: 3mx50mm; Effective belt length not less than: 3 meters; At one end of the belt should be a loop, at the other end - a hook;</p>	20	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	sets /комп
12.	<p>Hooks for rock - for a horizontal crack, different sizes Material: Steel; Dimensions in the set: from 3 to 12 cm (horizontal and vertical) of which 10 units of horizontal and 10 units of vertical; In a complete set - 20 units; Application: for carrying out search and rescue operations in mountainous conditions.</p>	8	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	Sets/комплект

	<p>Размеры в комплекте: от 3 до 12 см (горизонтальные и вертикальные) из которых 10 единиц горизонтальных и 10 единиц вертикальных; В комплекте – 20 единиц; Применение: для проведения поисково-спасательные работы в горных условиях.</p>			
13.	<p>Ice ax Ice ax for mountaineering / search and rescue operations with forged beak made of steel, intended for cutting down steps, sites in dense snow and for fast and aggressive self-restraint during a breakdown.</p> <p>The size: not less than 80 cm; Head material: chrome-plated steel (hot forging); Class of beak: B; Handle class: B; Area of use: mountaineering / search and rescue operations; Forged beak with shovel, made of alloy steel A curved blade must provide a comfortable grip and help in the cutting of steps; The head and the bayonet of the ice ax should have holes for snapping the rifle; A symmetrical steel spike should be easily immersed in snow; Bear wear indicator: CC4U; The kit must include a lambskin.</p> <p>Ледоруб Ледоруб для альпинизма/поисково-спасательных операций с кованным клювом из стали, предназначенный для вырубания ступеней, площадок в плотном снегу и для быстрого и агрессивного самозадержания при срыве.</p> <p>Размер: не менее 80 см; Материал головки: хромированная сталь (горячая ковка); Класс клюва: B; Класс рукоятки: B; Область использования: альпинизм/поисково-спасательные операции; Кованый клюв с лопаткой должен быть выполнен из легированной стали Лопатка изогнутой формы должна обеспечивать удобный хват и помогать при рубке ступеней; Головка и штычек ледоруба должна иметь отверстия для вщелкивания карабина;</p>	50	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	pcs шт

	<p>Стальной штычек симметричной формы должен легко погружаться в снег;</p> <p>Индикатор износа клюва: CC4U;</p> <p>В комплект должен быть включён темляк.</p>			
14.	<p>Alpenstock</p> <p>Type: stick for Nordic walking;</p> <p>Handle: Synthetic cork, polypropylene;</p> <p>Material: Aluminum;</p> <p>Lamb: the trap;</p> <p>Support: plastic, lightweight foot;</p> <p>Geometry: top not less than 16mm, bottom not less than 10mm;</p> <p>Features: Adjustable length of the stick (sliding), 90-140 cm, two-section, protection against closing when struck;</p> <hr/> <p>Альпенштоки</p> <p>Тип: палка для скандинавской ходьбы;</p> <p>Ручка: Синтетическая пробка, полипропилен;</p> <p>Материал: Алюминий;</p> <p>Темляк: капкан;</p> <p>Опора: пластиковая, облегчённая лапка;</p> <p>Геометрия: верх не менее 16мм, низ не менее 10 мм;</p> <p>Особенности: Регулируемая длина палки (раздвижные), 90-140 см, двухсекционная, защита от закрывания при ударе;</p>	50	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	<p>pairs</p> <p>пар</p>
15.	<p>Ice Shoes Gripper</p> <p>Gripper for technical mountaineering with LEVERLOCK UNIVERSEL fastening system. T-shaped front teeth for perfect penetration into ice and absolute stability in snow and firn.</p> <p>The T-shape of the front teeth should be designed for perfect penetration into hard ice and comfortable stability in snow and firn.</p> <p>Mount LEVERLOCK UNIVERSEL for use with boots with a rear welt.</p> <p>Included forend FIL (rigid attachment to the front shoe welt) and FIL FLEX (soft mount shoe welt without front)</p> <p>Cats should be equipped with ANTISNOW antiplips to reduce snow sticking.</p> <p>Material: High-strength stainless metal;</p> <p>Number of teeth: not less than 12.</p> <p>Mounts: LEVERLOCK UNIVERSEL.</p> <p>Should be suitable for shoes size 36-50.</p>	50	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	<p>pairs</p> <p>пар</p>

	<p>Альпинистские Кошки</p> <p>Кошки для технического альпинизма с системой крепления LEVERLOCK UNIVERSEL. Т-образные передние зубья для идеального проникания в лед и абсолютной устойчивости на снегу и фирне.</p> <p>Т-образная форма передних зубьев должна быть разработана для идеального проникания в жесткий лед и комфортной устойчивости на снегу и фирне. Крепление LEVERLOCK UNIVERSEL для использования с ботинками с задним рантом.</p> <p>В комплекте должна быть передняя планка FIL (жесткое крепление для ботинок с передним рантом) и FIL FLEX (мягкое крепление для ботинок без переднего ранта)</p> <p>Кошки должны быть укомплектованы антиподлипами ANTISNOW для уменьшения налипания снега.</p> <p>Материал: Высокопрочный нержавеющей металл; Количество зубьев: не менее 12. Крепления: LEVERLOCK UNIVERSEL. Должны подходить для обуви размером 36-50.</p>			
16.	<p>Sit Harness</p> <p>The harness should be designed for employees performing a wide range of works at altitude. Six elements for connecting PPE - two elements A for connecting the safety system, two elements D on the sides for connection of the positioning system, an element for attaching the restraint system on the back of the belt and an element for connecting the devices for positioning on the front of the belt.</p> <p>A wide belt and leg girths should provide comfort when working in an unsupported space. Maximum ventilated, lightweight design. Shoulder straps should be equipped with elements that allow fixing the snap hooks so that they are always at hand. At the same time, this fixation should not prevent the shock absorber from triggering a breakdown.</p> <p>DoubleBack self-locking buckles on the back of the leash should allow you to adjust the distance from the foot girth to the waist, which is comfortable both when working in an unsupported position, or when walking or climbing the structure. The binding should allow you to place all the necessary tools and equipment, thanks to the multitude of cargo loops and points for fixing CARITOOL carabines and</p>	50	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	<p>pairs</p> <p>пар</p>

	<p>TOOLBAG bags. Leg girths should be equipped with split buckles FAST LT.</p> <p>Element for connecting the descending device and slings for positioning on the front of the belt</p> <p>Two elements on the sides of the belt for attaching the positioning system</p> <p>Breast A to attach the safety system</p> <p>Element A on the back for attaching the safety system</p> <p>The element for attaching the restraint system on the back of the belt</p> <p>Materials: nylon, polyester, aluminum, steel.</p>			
	<p>Комбинированная привязь</p> <p>Привязь должна быть разработана для сотрудников, выполняющих широкий спектр работ на высоте. Шесть элементов для присоединения СИЗ – два элемента А для присоединения страховочной системы, два элемента D по бокам для присоединения системы позиционирования, элемент для присоединения удерживающей системы на задней части пояса и элемент для присоединения устройств для позиционирования на передней части пояса.</p> <p>Широкий пояс и ножные обхваты должны обеспечивать комфорт при работе в безопорном пространстве. Максимально вентилируемая, легкая конструкция. Плечевые ремни должны быть оборудованы элементами, позволяющими закрепить карабины страховочных стропов так, чтобы они всегда находились под рукой. При этом, такая фиксация не должна препятствовать срабатыванию амортизатора при срыве.</p> <p>Самоблокирующиеся пряжки DoubleBack на задней стороне привязи должны позволять отрегулировать расстояние от ножных обхватов до пояса, что обеспечивает удобство как при работе в безопорном положении, так и при ходьбе или лазании по конструкции. Привязь должна позволять разместить все необходимые инструменты и оборудование, благодаря множеству грузовых петель и точек для крепления карабинов CARITOOL и сумки TOOLBAG. Ножные обхваты должны быть оснащены разъемными пряжками FAST LT.</p> <p>Элемент для присоединения устройства для спуска и стропов для позиционирования на передней части пояса</p>			

	<p>Два элемента по бокам пояса для присоединения системы позиционирования</p> <p>Грудной элемент А для присоединения страховочной системы</p> <p>Элемент А на спине для присоединения страховочной системы</p> <p>Элемент для присоединения удерживающей системы на задней части пояса</p> <p>Материалы: нейлон, полиэстер, алюминий, сталь.</p>			
17.	<p>Helmets</p> <p>Helmet should be designed for mountaineering and search and rescue operations with increased protection from side, rear and front strikes, with front and back plates for attaching the headlamp.</p> <p>Design: hybrid of thick ABS shell, lining of EPP & EPS foam;</p> <p>Sheath: hard outer, protects against bumps and scratches, ensuring maximum durability;</p> <p>Suspension system: soft, should ideally be adjusted to the shape of the head;</p> <p>Mounts for headlamp;</p> <p>Lining: a special foam lining with closed cells that does not absorb water or sweat;</p> <p>Materials: ABS sheath, expanded polypropylene (EPP), expanded polystyrene (EPS), polyester.</p> <p>+ A productive headlamp for search and rescue operations, suitable for this helmet;</p>	50	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	pcs шт
	<p>Каски</p> <p>Каска должна быть предназначена для альпинизма и поисково-спасательных работ с повышенной защитой от бокового, заднего и фронтального ударов, с передними и задними пластинами для крепления налобного фонаря.</p> <p>Конструкция: гибридная из толстой ABS оболочки, подкладки из EPP & EPS пены;</p> <p>Оболочка: жёсткая внешняя, защищающая от ударов и царапин, обеспечивая максимальную долговечность;</p> <p>Подвесная система: мягкая, должна идеально подстраиваться под форму головы;</p> <p>Крепления для налобного фонаря;</p> <p>Подкладка: специальная подкладка из пеноматериала с закрытыми ячейками не впитывающая воду или пот;</p> <p>Материалы: оболочка ABS, вспененный полипропилен (EPP), пенополистирол (EPS), полиэстер.</p>			

	+ Производительный налобный фонарь для поисково-спасательных работ, подходящий под данную каску;			
18.	Grip Descender Self-locking grip descender for a single rope with full control of the speed of descent. <ul style="list-style-type: none"> • Must be able to install on a rope without snapping off the straps with a spring clip. • The automatic brake system should operate when the handle is released. • Control of the rate of descent should be carried out by holding the free end of the rope by hand. • It is possible to climb the rope without changing the position of the device, using a loop under the foot and jumars. • Replaceable cam and reel. • For single ropes from 9 to 12 mm in diameter. • Must comply with CE EN 341 class A; 	50	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	pcs шт
	Спусковые элементы Самоблокирующееся спусковое устройство для одинарной верёвки с полным контролем скорости спуска. <ul style="list-style-type: none"> • Должна быть возможность установки на верёвку без отщёлкивания от обвязки благодаря пружинной клипсе. • Автоматическая тормозная система должна срабатывать при отпуске рукоятки. • Контроль за скоростью спуска должен осуществляться удержанием рукой свободного конца верёвки. • Должна быть возможность подъёма по верёвке без изменения положения устройства, при использовании петли под ногу и жумара. • Заменяемые кулачок и бобина. • Для одинарных верёвок диаметром от: 9 до 12 мм. • Должен соответствовать сертификату CE EN 341 class A; 			
19.	Handled ascender for lifting on a rope The rubberized handle and the overlay at the top should provide a secure hold on the clamp with one or both hands. An updated latch should simplify work in gloves. A	50	Within 90 days from placement of Purchase	pcs шт

	<p>large connecting hole must allow two rifles to be engaged at once.</p> <p>Materials: aluminum, stainless steel, plastic, rubber, nylon. For ropes with a diameter of 8-13 mm.</p>		Order В течении 90 дней с момента размещения заказа на поставку	
	<p>Зажимы для подъёма на веревке</p> <p>Обрезиненная рукоятка и накладка в верхней части должны обеспечивать надежное удержание зажима как одной, так и двумя руками. Обновленная защелка должна упрощать работу в перчатках. Большое присоединительное отверстие должно позволять вщелкнуть сразу два карабина.</p> <p>Материалы: алюминий, нержавеющая сталь, пластик, резина, нейлон. Для веревок диаметром 8-13 мм.</p>			
20.	<p>Rescue kit for the evacuation of victims</p> <p>Ready-to-use rescue kit for evacuation of victims should allow the evacuation of the injured and descend safely to the ground.</p> <ul style="list-style-type: none"> • Materials: aluminum, steel, nylon, polyurethane, polyester. • Size: not less than 60 m; • Function: Anti-panic; • Flexible sheath to prevent twisting; • The presence of a bag for carrying and storing; • Fully ready-made kit; <p>The evacuation kit should consist of:</p> <ul style="list-style-type: none"> - Polyplast; - Connecting rings; - Devices for descent; - min 11mm rope with stitched ends; - Anchor lines min 150cm; - Transport bag. <p>Реверсивный набор для эвакуации пострадавших</p> <p>Готовый к использованию реверсивный набор для эвакуации пострадавших должен позволять снять пострадавшего и спустить безопасно на землю.</p> <ul style="list-style-type: none"> • Материалы: алюминий, сталь, нейлон, полиуретан, полиэстер. • Размер: не менее 60 м; 	8	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	sets наборов

	<ul style="list-style-type: none"> • Функция: Анти-паник; • Гибкая оболочка, позволяющее предотвратить скручивание; • Наличие мешка для переноски и хранения; • Полностью готовый набор; <p>Набор для эвакуации должен состоять из:</p> <ul style="list-style-type: none"> - Полипласта; - Соединительные кольца; - Устройства для спуска; - Верёвка min 11мм с прошитыми концами; - Анкерные стропы min 150см; - Транспортного мешка. 			
21.	<p>Belay Device with auxiliary lock</p> <p>A safety device should be with an auxiliary lock for climbers of any level, for intensive use. There must be exceptional comfort during descent, thanks to very good rope control. The device, in particular, should be suitable for training, thanks to a handle with anti-panic function and a special regime that increases comfort during top insurance.</p> <p>Technical specifications For single ropes with a diameter of 8.9 to 11 mm; Materials: aluminum side plates, brake plate and reinforcement in the place of contact made of stainless steel, handle from reinforced nylon.</p>	50	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	pcs шт
	<p>Страховочное устройство со вспомогательной блокировкой</p> <p>Страховочное устройство должно быть со вспомогательной блокировкой для скалолазов любого уровня, для интенсивного использования. Должен иметься исключительный комфорт во время спуска, благодаря очень хорошему контролю выдачи веревки. Устройство, в частности должно подходить для обучения, благодаря рукоятке с функцией анти-паник и специальному режиму, увеличивающему комфорт во время верхней страховки.</p> <p>Технические спецификации Для одинарных веревок диаметром от 8,9 до 11 мм; Материалы: алюминиевые боковые пластины, тормозная пластина и усиление в месте контакта из</p>			

	нержавеющей стали, рукоятка из армированного нейлона.			
22.	<p>Carabiner with clutch; Longitudinal load: 25-30 kN; Transverse load: 9-10 kN; Load with uncovered coupling: 9-10 kN; Latch type: keilock; Material of manufacture: duralumin; Length not less than: 110 mm; Width: not less than 70mm;</p> <p>Альпинистский блокировочный карабин с муфтой; Продольная нагрузка: 25-30 kN; Поперечная нагрузка: 9-10 kN; Нагрузка с раскрытой муфтой: 9-10 kN; Тип защелки: кейлоцк; Материал изготовления: дюралюминий; Длина не менее: 110 мм; Ширина: не менее 70мм;</p>	100	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	pcs шт
23.	<p>Respiratory apparatus with compressed air (respirator)</p> <p>Respirator with a protective action time of at least 4 hours. The respirator should be designed to protect the respiratory organs and human eyes from the unfavorable gaseous environment when performing mine rescue work in ore and coal mines and quarries. To equip emergency rescue units. For conducting industrial works in an unfit for breathing environment, where respiratory protection is required for more than 2 hours.</p> <p>Material of the body (knapsack): metal; Class respirator for the time of protective action (PDM): O4; Normalized protective action time (PDM) at medium operation, ambient temperature (25 ± 1) ° C and atmospheric pressure 100 ± 4 kPa (750 ± 30 mm Hg), h, not less than 4; Weight of a respirator with a metal cylinder, without facial parts, oxygen, HP-I, cooling element and refrigerator cover, kg, not more than 10 kg; The mass of a respirator with a metal cylinder in running order with a cooling element and a refrigerator lid, kg, not more than 13 kg; Nominal oxygen supply in a cylinder at a pressure of 20MPa (200 kgf / cm²), l: not less than 400; Working pressure, MPa: about 20; Oxygen supply to the respirator system, l / min.</p>	40	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	pcs шт

<p>Constant: 1,3-1,5; pulmonary-automatic: not less than - 70; emergency valve: 60-150; Useful capacity of the respiratory bag, l, not less than: 5; Front: Protective goggles; The presence of a signaling device about the minimum pressure in the cylinder 5 + 1 MPa: One alarm; Presence of a mask, hoses, hood, fastening in the complete set: Yes.</p>			
<p>Дыхательный аппарат со сжатым воздухом (респиратор)</p> <p>Респиратор с временем защитного действия не менее 4 часа. Респиратор должен быть предназначен для для защиты органов дыхания и зрения человека от воздействия непригодной для дыхания газообразной среды при выполнении горноспасательных работ в рудных и угольных шахтах и карьерах. Для оснащения аварийно-спасательных подразделений. Для ведения промышленных работ в непригодной для дыхания среде, где необходима защита органов дыхания более 2-х часов.</p> <p>Материал корпуса (ранца): металл; Класс респиратора по времени защитного действия (ВЗД): О4; Нормированное время защитного действия (ВЗД) при работе средней тяжести, температуре окружающей среды (25±1)°С и атмосферном давлении 100±4 кПа (750±30 мм.рт.ст.), ч, не менее 4; Масса респиратора с металлическим баллоном, без лицевых частей, кислорода, ХП-И, охлаждающего элемента и крышки холодильника, кг, не более 10 кг; Масса респиратора с металлическим баллоном в снаряженном состоянии с охлаждающим элементом и крышкой холодильника, кг, не более 13 кг; Номинальный запас кислорода в баллоне при давлении 20МПа (200 кгс/см²), л: не менее 400; Рабочее давление, Мпа: около 20; Подача кислорода в систему респиратора, л/мин. Постоянная: 1,3-1,5; лёгочно-автоматическая: не менее – 70; аварийным клапаном: 60-150; Полезная емкость дыхательного мешка, л, не менее: 5; Лицевая часть: Очки защитные; Наличие сигнального устройства о минимальном давлении в баллоне 5+1 Мпа: Один сигнализатор;</p>			

	Наличие маски, шлангов, капюшона, крепления в комплекте: Да.			
24.	Respiratory apparatus with compressed air Time of protective action, h: 4; Weight, kg: with ice: not more than 12; without ice: not more than 11.0; The oxygen reserve in the tank, l: not less than 400; Working pressure, MPa: 20; Oxygen supply to the respirator system, l / min: constant: 1.4 ± 0.1 ; pulmonary-automatic, not less than: 70; emergency valve: 60-150; Overall dimensions, mm: 450 × 375 × 165. Presence of a mask, hoses, hood, fastening in the complete set: Yes.	20	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	pcs шт
	Респиратор, изолирующий регенеративный Время защитного действия, ч: не менее 4; Масса, кг: со льдом: не более 12; без льда: не более 11,0; Запас кислорода в баллоне, л: не менее 400; Рабочее давление, МПа: 20; Подача кислорода в систему респиратора, л/мин: постоянная: $1,4 \pm 0,1$; легочно-автоматическая, не менее: 70; аварийный клапан: 60-150; Габаритные размеры, мм: не более 450×375×165. Наличие маски, шлангов, капюшона, крепления в комплекте: Да.			
25.	Self-rescuer Self-rescuer is a means of individual protection of human respiratory organs and should be used in accidents associated with the formation of an unfit for breathing atmosphere. Nominal time of protective action, <u>min</u> At the exit from the emergency site: not less than 50; At rest no more than: 180; Overall dimensions, mm: Diameter no more than: 130; Height no more than: 250;	50	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	pcs шт
	Самоспасатель			

	<p>Самоспасатель является средством индивидуальной защиты органов дыхания человека и должен использоваться при авариях, связанных с образованием непригодной для дыхания атмосферы.</p> <p>Номинальное время защитного действия, мин</p> <p>При выходе из аварийного участка: не менее 50; В состоянии покоя не более: 180; Габаритные размеры, мм: Диаметр не более:130; Высота не больше: 250;</p>			
26.	<p>Device for respiratory resuscitation</p> <p>The device for respiratory intensive care should be designed to restore the functions of external respiration and gas exchange in the affected. It should be designed for use in a normal and unfit for breathing atmosphere and can be used in a mine, in the field and in mobile medical installations.</p> <p>The oxygen reserve in the cylinder at a pressure of 20 MPa, lit .: not less than 200;</p> <p>AUTOMATIC IVL Minute ventilation, l/min: ~10.2 - 13.8; Respiratory rate, min-1: ~12,6 - 15,4;</p> <p>AUXILIARY ALIGNMENT Minute ventilation, l/min: ~12 - 16;</p> <p>Productivity in VIVL mode in the mode of auxiliary ventilation of lungs, l/min: ~65 - 75;</p> <p>INHALATION</p> <p>Productivity, l / min: ~40 - 50; Maksim. pressure in the breathing circuit, limited safety. valve of the ventilator and VIVL block, kPa: ~6 - 8; Loss of pressure in the passive exhalation line, Pa: ~</p> <p>block ventilation: 200-210; VIVL unit: 200-210; the inhalation unit: 150-160;</p> <p>ASPIRATION</p> <p>Maximum vacuum pressure, kPa: not less than 40;</p>	10	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	<p>pcs шт</p>

	<p>Air productivity, l/min: not less than 20;</p> <p>Weight without spare parts, tools and accessories, kg: no more than 7,0;</p> <p>The kit must contain all the accessories;</p>			
	<p>Устройство для дыхательной реанимации</p> <p>Аппарат для дыхательной реанимации должен быть предназначен для восстановления функций внешнего дыхания и газообмена у пострадавших. Он должен быть рассчитан на применение в нормальной и непригодной для дыхания атмосфере и может использоваться в шахте, в полевых условиях и в подвижных медицинских установках.</p> <p>Запас кислорода в баллоне при давлении 20 МПа, л. Должен быть: не менее 200;</p> <p>АВТОМАТИЧЕСКАЯ ИВЛ Минутная вентиляция, л/мин: ~10,2 – 13,8; Частота дыхания, мин-1: ~12,6 – 15,4;</p> <p>ВСПОМОГАТЕЛЬНАЯ ИВЛ Минутная вентиляция, л/мин: ~12 - 16;</p> <p>Производительность в режиме ВИВЛ в режиме вспомогательной вентиляции лёгких, л/мин: ~65 - 75;</p> <p>ИНГАЛЯЦИЯ</p> <p>Производительность, л/мин: ~40 – 50; Максим. давление в дыхательном контуре, ограничиваемое предохранительным клапаном блока ИВЛ и блока ВИВЛ, кПа: ~6 - 8; Потеря давления в линии пассивного выдоха, Па: ~</p> <p>блока ИВЛ: 200-210; блока ВИВЛ: 200-10; блока ингаляции: 150-160;</p> <p>АСПИРАЦИЯ</p> <p>Максимальное вакуумметрическое давление, кПа: не менее 40; Производительность по воздуху, л/мин: не менее 20;</p> <p>Масса без ЗИПа, инструмента и принадлежностей, кг:</p>			

	не более 7,0; В комплекте должны быть все принадлежности;			
27.	Device for checking the respirator and self-rescuer The device should be designed for checking the operational parameters of insulating regenerative respirators, isolating mine self-rescuers of SSC and breathing apparatus. This device should be designed for monitoring parameters: Respirators, gas masks, breathing apparatus with compressed air; The device must be able to check: - the tightness condition of the airway system at excess and vacuum pressure; - the presence of a normalized constant supply of oxygen by a reducer; - the vacuum pressure of the triggering of the pulmonary automaton; - operation of the excess valve. The device should include: - bellows pump, - switching cock, - safety devices - a shut-off valve, - relief valve and manifold, - Adapters.	5	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	pcs шт
	Прибор для проверки респиратора и самоспасателя Прибор должен быть предназначен для проверки эксплуатационных параметров изолирующих регенеративных респираторов, изолирующих шахтных самоспасателей ССК и дыхательных аппаратов. Данный прибор должен предназначен для контроля параметров: Респираторов, противогазов, дыхательных аппаратов со сжатым воздухом; Прибор должен позволять проверять: — состояние герметичности воздухопроводной системы			

	<p>при избыточном и вакуумметрическом давлении; — наличие нормированной постоянной подачи кислорода редуктором; — вакуумметрическое давление срабатывания лёгочного автомата; — срабатывание избыточного клапана.</p> <p>В состав прибора должно входить:</p> <ul style="list-style-type: none"> - сильфонный насос, - переключающий кран, - предохранительные устройства - перекрывной клапан, - клапан сброса и коллектора, - переходники. 			
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LOT 2 – search and rescue equipment

#	Item to be supplied Description/Specifications ²	Quantity	Delivery Date	Other Information
1.	<p>Electric search light for life jacket</p> <p>It will be used to equip life-saving jacket.</p> <p>The device should be attached to the waistcoat with a clip (include the clip in the set). On the body there should be an on/off button for the LED light.</p> <p>Weight, no more: 0,05 kg; Length x Width X Height not less than: 60x20x20mm; The average luminous intensity in all directions of the upper hemisphere, not less than: 0.75 kd; The frequency of repetitions of flashes per minute is not less than: 50-70; Time of continuous operation at a given effective light intensity, not less than: 8 hours.</p>	100	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	pcs шт
	<p>Электроогонь для поиско-спасательного жилета</p> <p>Будет применяется для оснащения спасательного жилета.</p> <p>Прибор должен крепиться на жилете при помощи клипсы (включить наличие клипсы в комплект поставки). На корпусе должна быть кнопка включения-отключения светодиода.</p> <p>Масса, не более: 0,05кг; Длина x Ширина x Высота не менее: 60x20x20мм; Средняя сила света во всех направлениях верхней полусферы, не менее: 0,75кд Частота повторений вспышек в минуту не менее: 50-70; Время непрерывной работы при заданной эффективной силе света, не менее: 8 часов.</p>			
2.	<p>Radar set for search of victims in the rubble.</p> <p>It will be used to search for people under the rubble of destroyed buildings and structures from various building materials, as well as under snow by probing with directional electromagnetic radiation.</p>	5	Within 90 days from placement of Purchase Order	pcs шт

² Clustering items by lots, if any, is recommended, especially if partial bids will be allowed.

<p>Package should content:</p> <ul style="list-style-type: none"> - Radio block with antenna and other device; - Control panel (Notebook); - Tripod. <p>The time of deployment and preparation for work is no more than 5 minutes;</p> <p>The readiness of the sample for operation after switching on is no more than 20 seconds;</p> <p>The time of one measurement is not more than 40 seconds;</p> <p>The speed of inspection of the surface of a blockage is not less than 600 square meters per hour;</p> <p>The range of detection of live people (depending on the structure of debris) is 1-8 m;</p> <p>The probability of correct detection is 0.9;</p> <p>The probability of false alarm is not more than 0.1;</p> <p>The accuracy of the victim's location is not worse than 20% of the detection range;</p> <p>Autonomous power-12V;</p> <p>The time of continuous operation from the power source is not less than 4 hours.</p>		<p>В течении 90 дней с момента размещения заказа на поставку</p>	
<p>Радиолокационный комплекс поиска пострадавших в завалах.</p> <p>Будет использоваться для поиска живых людей, находящихся под завалами разрушенных зданий и сооружений из различных строительных материалов, а также под снегом путем зондирования направленным электромагнитным излучением.</p> <p>В комплект устройства должны включаться:</p> <ul style="list-style-type: none"> - Сам прибор с антеннами и другими устройствами; - Пульт управления (Ноутбук); - Штатив. <p>Время разворачивания и подготовки к работе не более 5 мин.;</p> <p>Время готовности образца к работе после включения не более 20 сек.;</p> <p>Время проведения одного замера — не более 40 сек.;</p> <p>Скорость обследования поверхности завала — не менее 600 м.кв./час;</p> <p>Дальность обнаружения живых людей (в зависимости от структуры завалов) 1-8 м.;</p> <p>Вероятность правильного обнаружения –0,9;</p> <p>Вероятность ложной тревоги- не более 0,1;</p>			

	<p>Точность нахождения пострадавшего не хуже 20 % от дальности обнаружения;</p> <p>Питание автономное-12В.;</p> <p>Время непрерывной работы от источника питания- не менее 4 часов.</p>			
3.	<p>All-purpose helmet of the rescuer with video-radio transmission.</p> <p>This complex should be designed to operate the rescuer in emergency situations, carry out reconnaissance in emergency zones with simultaneous consultations of the rescuer by specialists and supervisors.</p> <p>The complex should consist of a helmet of the rescuer and an autonomous monitor. On the helmet, a color video camera, a backlight device and a television video transmitter with an antenna should be strengthened.</p> <p>The video camera should transmit a color image of everything that the rescuer observes to the screen of the video monitor.</p> <p>Viewing angle of the video camera, deg: 25 - 35;</p> <p>Video image: color;</p> <p>Autonomous power, V: 12;</p> <p>Duration of work from a regular battery, hour: not less than 2,5;</p> <p>Helmet weight, kg: not more than 1,5;</p> <p>Monitor weight, kg: not more than 1,5;</p> <p>Working interval of temperatures, degrees. C: -30 + 40;</p> <p>Execution: dust-proof;</p> <p>Transmission range of the television signal, m: not less than 300;</p>	100	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	pcs шт
	<p>Универсальный видео-радиофицированный шлем спасателя</p> <p>Данный комплекс должен быть предназначен для работы спасателя в условиях чрезвычайных ситуаций, проведения разведки в зонах чрезвычайной ситуации с одновременными консультациями спасателя специалистами и руководителями работ.</p> <p>Комплекс должен состоять из шлема спасателя и автономного монитора. На шлеме должны быть укреплены цветная видеокамера, устройство подсветки и передатчик телевизионного видеоизображения с антенной.</p>			

	<p>Видеокамера должна передавать цветное изображение всего, что наблюдает спасатель, на экран видеомонитора.</p> <p>Угол обзора видеокамеры, град: 25 — 35; Видеоизображение: цветное; Питание автономное, В: 12; Длительность работы от штатного аккумулятора, час: не менее 2,5; Масса шлема, кг: не более 1,5; Масса монитора, кг: не более 1,5; Рабочий интервал температур, град. С: -30 +40; Исполнение: пылевлагозащитное; Дальность передачи телевизионного сигнала, м: не менее 300;</p>			
4.	<p>Portable gas analyzer</p> <p>Device should analyze toxic and flammable gases. Device will be used for automatic continuous measurement of the degree of explosion hazard of a controlled environment containing flammable gases (CHH), surplus concentrations of methane (CH₄), concentrations of oxygen (O₂), concentrations of carbon monoxide CO), hydrogen sulphide (H₂S) concentrations and signaling when the measured component reaches the threshold values.</p> <p>Functions:</p> <ul style="list-style-type: none"> • Continuous simultaneous measurement with digital indication of up to 4 gas components depending on the version; • Indication and signaling (sound and light intermittent signals) depending on the version of exceeding the established threshold values for the concentration of methane or combustible gases, carbon monoxide, oxygen, hydrogen sulphide; • Automatic correction of changes in the sensitivity of the thermocatalytic sensor during operation; • Fixing the results of measuring the concentration of the monitored component in the automatic mode and by the operator's command (immediately or with a delay) with their storing in the memory of the device; • Sampling and indication of the fixed values from the gas analyzer memory; • Realization of the function of "black box" with reference to real time with recording of measured values for at least 48 hours with an interval of 2 minutes; • Transfer of all recorded information, including the "black box" modes and the operator's command, via the infrared 	20	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на поставку</p>	pcs шт

<p>port to the personal computer;</p> <ul style="list-style-type: none"> • Display of current date and time, temperature and absolute ambient pressure; • Indication of faults of the gas analyzer; • Charge management and battery alarm indication; • Alarm on the on state. <p>Terms of Use: Ambient temperature: -30 to +45 ° C. Atmospheric pressure: ~from ~ 87.8 to 119.7 kPa (from 660 to 900 mm Hg). Relative humidity of the environment: up to 100% (with condensation of moisture) at a temperature of +35 ° C. Dust content: no more than 2 g / m³. Carbon dioxide content: not more than 2% by volume. dol. Speed of gas-air flow: up to 8 m/s.</p> <p>Specifications: The measuring range of the volume fraction of methane (CH₄): 0 - 2.5% vol. dol .; The range of indications of the volume fraction of methane (CH₄): 0 - 100% vol. dol .; The range of measurement of the content of flammable gases (C_xH_y): methane, propane, butane, hexane: 0 - 100% LEL; Measurement range of the volume fraction of oxygen (O₂): 0 - 25%; The measurement range of the volume fraction of oxygen (O₂): 0 - 25%; The range of measurement of carbon monoxide (CO) content: 0 - 200 ppm; Measurement range of hydrogen sulfide (H₂S) content: 0 - 100 ppm; The range of indications of ambient air temperature: from -30 to +40 ° C; Range of atmospheric pressure readings: 15 - 115 kPa; Limits of permissible basic absolute error of measuring methane concentration (CH₄), not more than: ± 0.1% vol. dol .; Limits of the permissible basic absolute error of measuring the concentration of combustible gases (C_xH_y), not more than: ± 5% LEL; Limits of permissible basic absolute error of measuring oxygen concentration (O₂), not more than: ± 0.6%; Limits of the permissible basic measurement error of carbon monoxide (CO) - absolute error of 0 - 50 ppm, no more than: ± 5%; - relative error 50 - 200 ppm, not more than: ± 10%;</p>			
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<p>Limits of permissible basic error of measurement of hydrogen sulfide (H₂S)</p> <ul style="list-style-type: none"> - an absolute error of 0 - 10 ppm, not more than: $\pm 1.5\%$; - relative error of 10 - 100 ppm, not more than: $\pm 15\%$; <p>Type of gas analyzer - portable, automatic, multi-channel individual use.</p> <p>The method of sampling - diffusion. The gas analyzer can be equipped with a device for the forced sampling.</p> <p>The measuring method for the measuring channels CO, O₂, H₂S is electrochemical, according to CH₄ measuring channels, CCHy is thermocatalytic, and according to the measuring channel of high concentration, CH₄ is thermoconductometric.</p> <p>For the measuring channel, the calibration component is methane.</p> <p>Gas analyzers have two alarm thresholds set in a predetermined range for each gas channel.</p> <p>Memory availability: yes;</p> <p>Packaging:</p> <ul style="list-style-type: none"> Gas analyzer; Battery; Manual; Passport; Nozzle for filling the CBC; The key is special; Packaging; Case; Charger; Device for forced sampling; Thermocatalytic sensors; Electrochemical sensors; Infrared adapter for working with a PC; CD-ROM with software that implements the transfer of accumulated measurement results to the PC, their statistical processing, including the compilation of reporting materials in the form of tables and graphs reflecting the change in the controlled air environment with reference to real time. 			
<p>Портативный переносной газоанализатор</p> <p>Прибор должен анализировать на токсичные и горючие газы. Прибор будет использоваться для оперативного автоматического непрерывного измерения степени взрывоопасности контролируемой</p>			

<p>среды, содержащей горючие газы (C_xH_y), дозрывоопасных концентраций метана (CH₄), концентраций кислорода (O₂), концентраций оксида углерода (CO), концентраций сероводорода (H₂S) и выдачи сигнализации при достижении измеряемым компонентом установленных пороговых значений.</p> <p>Функции:</p> <ul style="list-style-type: none"> • Непрерывное одновременное измерение с цифровой индикацией до 4-х газовых компонентов в зависимости от исполнения; • Индикация и сигнализация (звуковые и световые прерывистые сигналы) в зависимости от исполнения о превышении установленных пороговых значений концентрации метана или горючих газов, оксида углерода, кислорода, сероводорода; • Автоматическая корректировка изменений чувствительности термокаталитического сенсора в процессе эксплуатации; • Фиксация результатов измерения концентрации контролируемого компонента в автоматическом режиме и по команде оператора (сразу или с задержкой) с занесением их в память прибора; • Выборка и индикация зафиксированных значений из памяти газоанализатора; • Реализация функции «чёрного ящика» с привязкой к реальному времени с записью измеренных значений в течение не менее 48 часов с интервалом 2 минуты; • Передача всей записанной информации, включая режимы «чёрного ящика» и по команде оператора, по инфракрасному порту в персональный компьютер; • Индикация текущей даты и времени, температуры и абсолютного давления окружающей среды; • Индикация неисправностей газоанализатора; • Управление зарядом и индикация сигнализации о разряде аккумулятора; • Сигнализация о включенном состоянии. <p>Условия эксплуатации: Температура окружающей среды: от –30 до +45 °С. Атмосферное давление: от ~87,8 до 119,7 кПа (от 660 до 900 мм рт.ст.). Относительная влажность окружающей среды: до 100</p>			
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<p>% (с конденсацией влаги) при температуре +35 °С. Содержание пыли: не более 2 г/м³. Содержание углекислого газа: не более 2 % об. дол. Скорость движения газовой воздушного потока: до 8 м/с.</p> <p>Технические характеристики: Диапазон измерения объемной доли метана (CH₄): 0 - 2,5 % об. дол.; Диапазон показаний объемной доли метана (CH₄): 0 - 100 % об. дол.; Диапазон измерения содержания горючих газов (C_xH_y): метан, пропан, бутан, гексан: 0 - 100 % НКПР; Диапазон измерения объемной доли кислорода (O₂): 0 - 25 %; Диапазон измерения объемной доли кислорода (O₂): 0 - 25 %; Диапазон измерения содержания оксида углерода (CO): 0 - 200 ppm; Диапазон измерения содержания сероводорода (H₂S): 0 - 100 ppm; Диапазон показаний температуры окружающей воздушной среды: от -30 до +40 °С; Диапазон показаний атмосферного давления: 15 - 115 кПа; Пределы допускаемой основной абсолютной погрешности измерения концентрации метана (CH₄), не более: ± 0,1 % об. дол.; Пределы допускаемой основной абсолютной погрешности измерения концентрации горючих газов (C_xH_y), не более: ± 5 % НКПР; Пределы допускаемой основной абсолютной погрешности измерения концентрации кислорода (O₂), не более: ± 0,6 %; Пределы допускаемой основной погрешности измерения оксида углерода (CO) - абсолютной погрешности 0 - 50 ppm, не более: ± 5 %; - относительной погрешности 50 - 200 ppm, не более: ± 10 %; Пределы допускаемой основной погрешности измерения сероводорода (H₂S) - абсолютной погрешности 0 - 10 ppm, не более: ± 1,5 %; - относительной погрешности 10 - 100 ppm, не более: ± 15 %;</p> <p>Тип газоанализатора — переносной, автоматический, многоканальный индивидуального пользования.</p>			
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	<p>Способ забора пробы — диффузионный. Газоанализатор может комплектоваться устройством принудительного забора пробы.</p> <p>Метод измерения по измерительным каналам CO, O₂, H₂S — электрохимический, по измерительным каналам CH₄, C_xH_y — термокаталитический, по измерительному каналу высокой концентрации CH₄ - термокондуктометрический.</p> <p>Для измерительного канала C_xH_y поверочным компонентом является метан.</p> <p>Газоанализаторы имеют два устанавливаемых в заданном диапазоне порога срабатывания аварийной сигнализации по каждому газовому каналу.</p> <p>Наличие памяти: да;</p> <p>Комплект поставки:</p> <p>Газоанализатор; Аккумулятор; Руководство по эксплуатации; Паспорт; Насадка для подачи ПГС; Ключ специальный; Упаковка; Чехол; Зарядное устройство; Устройство принудительного забора пробы; Термокаталитические датчики; Электрохимические датчики; Инфракрасный адаптер для работы с ПК; CD-диск с программным обеспечением, реализующим передачу накопленных результатов измерений в ПК, их статистическую обработку, включая составление отчетных материалов в виде таблиц и графиков, отражающих изменение контролируемой воздушной среды с привязкой к реальному времени.</p>			
5.	<p>Dust control device</p> <p>The device should be designed to measure the mass concentration of dust during technological, industrial and hygienic air control.</p> <p>Features:</p> <p>The device should be used to measure the mass concentration of the spinning dust of any origin in all industries.</p> <p>The measuring modes should be selected depending on</p>	10	<p>Within 90 days from placement of Purchase Order</p> <p>В течении 90 дней с момента размещения заказа на</p>	<p>pcs шт</p>

<p>the type of dust.</p> <ul style="list-style-type: none"> • Mode 1 and 2: for the dust of mining, mining deposits and industries. • Mode 3 and 4: for plant-based dusts. • Mode 5 and 6: for the dust of building materials. <p>Specifications: Range of readings: 0 ... 5000 mg / m³; Measurement range: 2 ... 1000 mg / m³; Limits of the allowed reduced error of measurement in the range 2 ... 100 mg / m³: ± 20%; Limits of the permissible relative error of measurement in the range 100 ... 1000 mg / m³: ± 20%; Maximum measurement time: no more than 3 minutes; Weight not more than 1 kg.</p> <p>Include a protective cover;</p>		поставку	
<p>Прибор контроля запыленности Прибор должен быть предназначен для измерения массовой концентрации пыли при технологическом, производственном и гигиеническом контроле воздуха.</p> <p>Особенности Прибор должен использоваться для измерения массовой концентрации витающей пыли любого происхождения во всех отраслях промышленности. Режимы измерения должны выбираться в зависимости от вида пыли.</p> <ul style="list-style-type: none"> • Режим 1 и 2: для пылей горных, горнорудных месторождений и производств. • Режим 3 и 4: для пылей растительного происхождения. • Режим 5 и 6: для пылей строительных материалов. <p>Технические характеристики: Диапазон показаний: 0...5000 мг/м³; Диапазон измерений: 2...1000 мг/м³; Пределы допускаемой приведенной погрешности измерения в диапазоне 2...100 мг/м³: ±20 %; Пределы допускаемой относительной погрешности измерения в диапазоне 100...1000 мг/м³: ±20 %; Максимальное время измерения: не более 3 минут; Масса не более 1 кг.</p>			

	В комплект включить защитный чехол;			
6.	Manual X-ray fluorescence analyzer A device with a built-in video camera should be designed for quick determination with laboratory accuracy of elements from Mg to U, as well as for direct determination of light elements (Mg, Al, Si, P, S) in metal alloys, including aluminum alloys, as well as in geological samples and soils, plastics and other samples. Analytical capabilities of the spectrometer: Direct simultaneous X-ray fluorescence analysis of the content of up to 29 elements from Ti to U in metals. Ability to add non-standard items. - Option light elements: Mg, Al, Si, P, S. Helium version (without using external vacuum pumps), or GOLDD version; Performance: <ul style="list-style-type: none"> • From switching on until the end of the 10 second measurement: no more than 15 seconds. (much faster than all existing devices) • Confidence probability of confirming FeNi alloy grades depending on the duration of the measurement: <ul style="list-style-type: none"> o 8 sec - 100% o 4 sec - 100% o 2 sec - 70% Accurate analysis of the chemical composition of the metal: 3-5 seconds (typical data for alloys) Example of detection limits in steels (20 sec. Measurement): <ul style="list-style-type: none"> o Cr <0.05% o Ti <0.11% o Ni <0.16% Specialized X-ray tube of the last generation with a gold anode (option - silver anode). Power not less than 50kV. up to 6 automatic filters. Ultra-precise focusing of the measurement spot. Reduced noise level - the minimum detection limits. Detector High-resolution solid-state detector (Si-PIN diode), Peltier cooling. The resolution is not worse than 220 keV. Measurement modes <ul style="list-style-type: none"> • Method of Fundamental Parameters (without preliminary calibrations, without re-standardization) o Mode Confirmation of the alloy grade and analysis of 	1	Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку	pcs шт

<p>the chemical composition of the metal</p> <ul style="list-style-type: none"> o imprint alloy mode and yes / no • Empirical calibration method for solving special analytical problems • Additional options for the analysis of ores and rocks, precious metals, thin films, plastics, electronic components, coatings, soils, automotive catalysts. <p>Display and control</p> <p>The color, bright, built-in VGA touch display with a changeable viewing angle. Data entry and control through a touchscreen display, or scroll and select keys. Option of the built-in video camera for viewing the measurement zone on the display screen. A photo of the measurement zone can be stored in the instrument's memory along with the result of the analysis. The collimator option is a narrowing of the measurement zone for point measurement of the composition, with the measurement spot displayed on the screen.</p> <p>Software, storage, processing and data transfer:</p> <p>Protection against unauthorized use of the device and the delimitation of access levels. A library of alloy grades with the possibility of further expansion. Store up to 10,000 measurement results. Protecting results from editing. The ability to remote control the device through an external computer (when working with a portable stand), as well as collecting and transferring data to an external computer.</p> <p>Stand:</p> <p>NDT (Niton Data transfer) is software for transferring and working with data in the format of standard applications. Interfaces: RS-232, Bluetooth, USB.</p> <p>Operator protection:</p> <p>Light indication of the operating mode of the tube. Improved trigger mechanism.</p> <p>Power Supply:</p> <p>2 replaceable batteries with a service life of up to 12 hours on one fully charged battery. Quick battery change.</p> <p>Packaging:</p> <p>The scope of delivery of the analyzer of metals and</p>			
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	<p>alloys should also include:</p> <ul style="list-style-type: none"> • impact resistant plastic case, • cables (data and network), • calibration standard • charger, • rechargeable batteries - 2pcs., • holster • NDT software for data transmission and control of the analyzer when working with an external PC, as well as working with a library of alloys. <p>Ручной Рентгенофлуоресцентный анализатор</p> <p>Прибор со встроенной видеокамерой должен быть предназначен для быстрого определения с лабораторной точностью элементов от Mg до U, а также для прямого определения легких элементов (Mg, Al, Si, P, S) в сплавах металлов, включая алюминиевые сплавы, а также в геологических образцах и почвах, пластиках и прочих образцов.</p> <p>Аналитические возможности спектрометра</p> <p>Прямой одновременный рентгено-флуоресцентный анализ содержания до 29 элементов от Ti до U в металлах. Возможность добавления нестандартных элементов. - Опция легкие элементы: Mg, Al, Si, P, S. Гелиевое исполнение (без использования внешних вакуумных насосов), либо GOLDD версия;</p> <p>Производительность</p> <ul style="list-style-type: none"> • От включения до конца 10-ти секундного измерения: не более 15 сек. (значительно быстрее всех существующих приборов) • Доверительная вероятность подтверждения марок FeNi сплавов в зависимости от продолжительности измерения: <ul style="list-style-type: none"> ○ 8 сек - 100% ○ 4 сек - 100% ○ 2 сек – 70% <p>Точный анализ химсостава металла: 3-5 сек (типичные данные для сплавов) Пример пределов обнаружения в сталях (20 сек. измерение):</p> <ul style="list-style-type: none"> ○ Cr < 0.05 % ○ Ti < 0.11% ○ Ni < 0.16% 			
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	<p>Специализированная рентгеновская трубка последнего поколения с золотым анодом (опция -серебряный анод) . Мощность не менее 50кВ. до 6-ти автоматических фильтров. Сверхточная фокусировка пятна измерения. Пониженный уровень шума – минимальные пределы обнаружения.</p> <p>Детектор Твердотельный детектор высокого разрешения (Si-PIN diode), Peltier охлаждение. Разрешение не хуже 220 кэВ.</p> <p>Режимы измерения</p> <ul style="list-style-type: none"> • Метод Фундаментальных параметров (без предварительных калибровок, без рестандартизации) <ul style="list-style-type: none"> ○ режимы Подтверждения марки сплава и анализа Химсостава металла ○ Режим отпечаток сплава и да/нет • Метод Эмпирической калибровки для решения специальных аналитических задач • Дополнительные опции для анализа руд и пород, драгметаллов, тонких пленок, пластиков, электронных компонентов, покрытий, почв, автомобильных катализаторов. <p>Дисплей и управление Цветной, яркий, встроенный VGA сенсорный дисплей с изменяемым углом обзора. Ввод данных и управление через сенсорный дисплей, либо клавиши пролистывания и выбора. Опция встроенной видеокамеры для обзора зоны измерения на экране дисплея. Фотография зоны измерения может быть сохранена в памяти прибора вместе с результатом анализа. Опция коллиматора - сужение зоны измерения для точечного измерения состава,с отображением пятна измерения на экране.</p> <p>Программное обеспечение, хранение, обработка и передача данных:</p> <p>Защита от несанкционированного использования прибора и разграничение уровней доступа. Библиотека марок сплавов с возможностью последующего расширения. Хранение до 10,000 результатов измерений. Защита результатов от редактирования. Возможность дистанционного управления прибором через внешний компьютер (при работе с</p>			
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	<p>использованием портативного стенда), а также сбора и передачи данных во внешний компьютер.</p> <p>Стенд: NDT (Niton Data transfer) – программное обеспечение для передачи и работы с данными в формате стандартных приложений. Интерфейсы: RS-232, Bluetooth, USB.</p> <p>Защита оператора: Световая сигнализация рабочего режима трубки. Усовершенствованный механизм курка.</p> <p>Электропитание: 2 сменных аккумулятора с ресурсом работы до 12 часов на одном полностью заряженном аккумуляторе. Быстрая смена аккумулятора.</p> <p>Комплект поставки: В комплект поставки анализатора металлов и сплавов также должно входить:</p> <ul style="list-style-type: none"> • ударопрочный пластиковый кейс, • кабели (data и сетевые), • поверочный стандарт, • зарядное устройство, • аккумуляторные батареи - 2шт., • кобура, • NDT программное обеспечение для передачи данных и контроля анализатора при работе с внешним ПК, а также работы с библиотекой сплавов. 			
7.	<p>The acoustic device</p> <p>The device should be designed to detect people in blockages from various building materials.</p> <p>Device power (battery), V: 12 ± 2; Power consumption, no more, W: 1,2; Operating temperature range, °C: - 40 / + 50; Atmospheric pressure, kPa: 85 - 106; Relative humidity,%: 98; Overall dimensions in standard packing, no more than mm: 220x160x1400; Max. length of telescopic rod, mm: 2100; The time of deployment and preparation for work is not more than, min: 1,5;</p>	7	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	<p>pcs шт</p>

<p>Time of readiness of the sample for operation after switching on, not more than, sec: 10; Distance of communication with the victim, m: not less than 5; Continuous operation time, h: not less than 10; Calculation composition, person: 1;</p> <p>Equipment:</p> <ul style="list-style-type: none"> • telescopic bar with microphone block; • the electronic unit; • Headset; • Charger; • Stacking (bag). • Camera; 			
<p>Акустический прибор</p> <p>Прибор должен быть предназначен для обнаружения людей в завалах из различных строительных материалов.</p> <p>Питание устройства (аккумулятор), В: 12 ± 2; Потребляемая мощность, не более, Вт: 1,2; Диапазон рабочих температур, ОС: - 40/+50; Атмосферное давление, кПа: 85 - 106; Относительная влажность, %: 98; Габаритные размеры в штатной упаковке, не более мм: 220x160x1400; Максимальная длина телескопической штанги, мм: 2100; ; Время разворачивания и подготовки к работе не более, мин: 1,5; Время готовности образца к работе после включения, не более, сек: 10; Дальность связи с пострадавшим, м: не менее 5; Время непрерывной работы, ч: не менее 10; Состав расчета, человек: 1;</p> <p>Комплектация:</p> <ul style="list-style-type: none"> • телескопическая штанга с микрофонным блоком; • электронный блок; • наголовная гарнитура; • зарядное устройство; • укладка (сумка). • Камера; 			

8.	<p>Laser meters of thickness and displacement</p> <p>Protection class: IP40 / IP50; Power supply and current consumption: 24 VDC; Features: Measurement of thickness (A + B / A-B), differences, height, distance, eccentricity, uniformity (smoothness), curvature (flatness), peak value, lower value, range; Control output: 4-20mA, PNP or NPN depending on the choice of amplifier; Communication port: RS232 (via additional module); Operating temperature: 0-50; Response distance: up to 2000mm (spaced pair); Performance: ~150 µs; Measurement accuracy: up to 16 µm</p> <p>Лазерный измеритель толщины и перемещений</p> <p>Класс защиты: IP40/IP50; Напряжение питания и токопотребление: 24 VDC; Особенности: Измерение толщины (A+B / A-B), перепадов, высоты, расстояния, эксцентриситета, однородности (гладкости), искривленности (ровности), пикового значения, нижнего значения, диапазона; Управляющий выход: 4-20mA, PNP или NPN в зависимости от выбора усилителя; Порт связи: RS232 (через доп.модуль); Рабочая температура: 0-50; Дистанция срабатывания: до 2000мм (разнесенная пара); Быстродействие: ~150 мкс; Точность измерений: до 16;</p>	5	<p>Within 90 days from placement of Purchase Order В течении 90 дней с момента размещения заказа на поставку</p>	<p>pcs шт</p>

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] <i>(Pls. link this to price schedule)</i>	DAP
Exact Address of Delivery/Installation Location	5 Lohuti, Dushanbe, Tajikistan.
Mode of Transport Preferred	Air Land
UNDP Preferred Freight Forwarder, if any ³	N/A
Distribution of shipping documents <i>(if using freight forwarder)</i>	N/A
Customs, if required, clearing shall be done by:	UNDP
Ex-factory/Pre-shipment inspection	Not Required
Inspection upon delivery	Required
Installation Requirements	Not Required
Testing Requirements	Required
Scope of Training on Operation and Maintenance	Not Required
Commissioning	Not Required
Warranty Period	12 months
Local Service Support	Not Required
Technical Support Requirements	Not Required

³A 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.

After-sale services Requirements	<input checked="" type="checkbox"/> Warranty on Parts and Labor for minimum period of 12 months <input type="checkbox"/> Technical Support <input type="checkbox"/> Provision of Service Unit when pulled out for maintenance /repair <input type="checkbox"/> Others <i>[pls. specify]</i>
Payment Terms (max. advanced payment is 20% as per UNDP policy)	100% within 30 days upon UNDP's acceptance of the goods delivered as specified and receipt of invoice
Conditions for Release of Payment	<input type="checkbox"/> Pre-shipment inspection <input checked="" type="checkbox"/> Inspection upon arrival at destination <input type="checkbox"/> Installation <input checked="" type="checkbox"/> Testing <input type="checkbox"/> Training on Operation and Maintenance <input type="checkbox"/> Others <i>[pls. specify]</i> <input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with ITB requirements
All documentations, including catalogues, instructions and operating manuals, shall be in this language	Other (pl. specify) Russian or English

Section 6: Returnable Bidding Forms / Checklist

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

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

Technical Bid:

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

Price Schedule:

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

Name of Bidder:	[Insert Name of Bidder]	Date :	Select date
ITB reference:	127-2018-ITB-UNDP-DRMP		

We, the undersigned, offer to supply the goods and related services required Procurement and delivery of search and rescue equipment in accordance with your Invitation to Bid No. 127-2018-ITB-UNDP-DRMP 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]. (Specify Lot)

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

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

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

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

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

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

I, the undersigned, certify that I am duly authorized by [Insert Name of Bidder] to sign this Bid and

bind it should UNDP accept this Bid.

Name: _____

Title: _____

Date: _____

Signature: _____

[Stamp with official stamp of the Bidder]

Form B: Bidder Information Form

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

energies or membership of trade institutions promoting such issues	
Is your company a member of the UN Global Compact	[Complete]
Contact person that UNDP may contact for requests for clarifications during Bid evaluation	Name and Title: [Complete] Telephone numbers: [Complete] Email: [Complete]
Please attach the following documents:	<ul style="list-style-type: none"> ▪ Company Profile, which should <u>not</u> exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the goods and/or services being procured ▪ Certificate of Incorporation/Business Registration ▪ Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any such privilege is enjoyed by the Bidder ▪ Trade name registration papers, if applicable ▪ Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any ▪ Patent Registration Certificates, if any of technologies submitted in the Bid is patented by the Bidder ▪ Certification or authorization to act as Agent on behalf of the Manufacturer, or Power of Attorney (if applicable). ▪ Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country ▪ Detailed technical specifications for offered items, name of brand/model, manufacturing county, photos; ▪ Previous experience: A minimum of 3 purchase orders awarded and served within the past 3 years proving relevant experience in supplying the similar goods (one contract with the amount not less than 500,000 USD). ▪ Statement of Satisfactory Performance from the Top 3 Clients in terms of Contract Value the past 3 years. ▪ Bid Security for 14,000 USD ▪ Bank statement proving the annual average turnover/balance sheets for the past 3 years

Form C: Joint Venture/Consortium/Association Information Form

Name of Bidder:	[Insert Name of Bidder]	Date :	Select date
ITB reference:	127-2018-ITB-UNDP-DRMP		

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]
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We have attached a copy of the below referenced document signed by every partner, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture:

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

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

Name of partner:

Signature:

Date:

Name of partner:

Signature:

Date:

Name of partner:

Signature:

Date:

Name of partner:

Signature:

Date:

Form D: Eligibility and Qualification Form

Name of Bidder:	[Insert Name of Bidder]	Date :	Select date
ITB reference:	127-2018-ITB-UNDP-DRMP		

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

History of Non- Performing Contracts

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

Litigation History (including pending litigation)

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

Previous Relevant Experience

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

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

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

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

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

Financial Standing

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

Financial information (in US\$ equivalent)	Historic information for the last 3 years		
	Year 1	Year 2	Year 3
	<i>Information from Balance Sheet</i>		
Total Assets (TA)			
Total Liabilities (TL)			
Current Assets (CA)			
Current Liabilities (CL)			

	<i>Information from Income Statement</i>		
Total / Gross Revenue (TR)			
Profits Before Taxes (PBT)			
Net Profit			
Current Ratio			

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

- a) Must reflect the financial situation of the Bidder or party to a JV, and not sister or parent companies;
- b) Historic financial statements must be audited by a certified public accountant;
- c) 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:	127-2018-ITB-UNDP-DRMP		

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 – mountainous search and rescue equipment

Goods and services to be Supplied and Technical Specifications	Your response				
	Compliance with technical specifications		Delivery Date <i>(confirm that you comply or indicate your delivery date)</i>	Quality Certificate/Export Licenses, etc. <i>(indicate all that apply and attach)</i>	Comments
	Yes, we comply	No, we cannot comply <i>(indicate discrepancies)</i>			
An individual rescue device					
Gloves for rescue operations					
Combined, leather-working gloves.					
Rescue stretcher					
Rescue stretcher					
Protective closed glasses					
Climbing rope static					
Climbing rope dynamic					
Flat round sling					
Round sling 2 m, 2 tons					
Round sling 3 m, 2-tons					
Hooks for rock - for a horizontal crack, different sizes					
Ice ax					
Alpenstock					
Ice Shoes Gripper					
Sit Harness					
Helmets					
Grip Descender					
Handled ascender for lifting on a rope					
Rescue kit for the evacuation of victims					

Belay Device with auxiliary lock					
Carabiner with clutch;					
Respiratory apparatus with compressed air (respirator)					
Respiratory apparatus with compressed air					
Self-rescuer					
Device for respiratory resuscitation					
Device for checking the respirator and self-rescuer					

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			
Warranty			

LOT 2 – search and rescue equipment

Goods and services to be Supplied and Technical Specifications	Your response				
	Compliance with technical specifications		Delivery Date (confirm that you comply or indicate your delivery date)	Quality Certificate/Export Licenses, etc. (indicate all that apply and attach)	Comments
	Yes, we comply	No, we cannot comply (indicate discrepancies)			
Electric search light for life jacket					
Radar set for search of victims in the rubble.					
All-purpose helmet of the rescuer with video-radio transmission.					
Portable gas analyzer					

Dust control device					
Manual X-ray fluorescence analyzer					
The acoustic device					
Laser meters of thickness and displacement					

Other Related services and requirements <i>(based on the information provided in Section 5b)</i>	Compliance with requirements		Details or comments on the related requirements
	Yes, we comply	No, we cannot comply <i>(indicate discrepancies)</i>	
Delivery Term			
Warranty			

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:	127-2018-ITB-UNDP-DRMP		

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.

Price Schedule**LOT 1 – mountainous search and rescue equipment****Currency of the Bid:** [Insert Currency]

Item #	Description	UOM	Quantity	Unit Price	Total Price
1.	An individual rescue device	pcs шт	20		
2.	Gloves for rescue operations	pairs/ пар	250		
3.	Combined, leather-working gloves.	pairs/ пар	250		
4.	Rescue stretcher	pcs шт	40		
5.	Rescue stretcher	pcs шт	20		
6.	Protective closed glasses	pcs шт	200		
7.	Climbing rope static	meter метр	3000		
8.	Climbing rope dynamic	meter метр	5000		
9.	Flat round sling	sets /комп	10		
10.	Round sling 2 m, 2 tons	sets /комп	20		
11.	Round sling 3 m, 2-tons	sets /комп	20		

12.	Hooks for rock - for a horizontal crack, different sizes	Sets/ комп	8		
13.	Ice ax	pcs шт	50		
14.	Alpenstock	pairs пар	50		
15.	Ice Shoes Gripper	pairs пар	50		
16.	Sit Harness	pairs пар	50		
17.	Helmets	pcs шт	50		
18.	Grip Descender	pcs шт	50		
19.	Handled ascender for lifting on a rope	pcs шт	50		
20.	Rescue kit for the evacuation of victims	sets /комп	8		
21.	Belay Device with auxiliary lock	pcs шт	50		
22.	Carabiner with clutch;	pcs шт	100		
23.	Respiratory apparatus with compressed air (respirator)	pcs шт	40		
24.	Respiratory apparatus with compressed air	pcs шт	20		
25.	Self-rescuer	pcs шт	50		
26.	Device for respiratory resuscitation	pcs шт	10		
27.	Device for checking the respirator and self-rescuer	pcs шт	5		
Transportation/Delivery Cost					
Warranty					
GRAND TOTAL					

LOT 2 – search and rescue equipment**Currency of the Bid:** [Insert Currency]

Item #	Description	UOM	Quantity	Unit Price	Total Price
1	Electric search light for life jacket	pcs шт	100		
2	Radar set for search of victims in the rubble.	pcs шт	5		
3	All-purpose helmet of the rescuer with video-radio transmission.	pcs шт	100		
4	Portable gas analyzer	pcs шт	20		
5	Dust control device	pcs шт	10		
6	Manual X-ray fluorescence analyzer	pcs шт	1		
7	The acoustic device	pcs шт	7		
8	Laser meters of thickness and displacement	pcs шт	5		
Transportation/Delivery Cost					
Warranty					
GRAND TOTAL					

Name of Bidder: _____

Authorised signature: _____

Name of authorised signatory: _____

Functional Title: _____

FORM G: Form of Bid Security

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

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

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

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

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

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

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Bidder, up to a total of 9000 USD (nine thousand US Dollars) 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 14000 USD (fourteen thousand US Dollars) 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]*