

REQUEST FOR QUOTATION

THIS IS NOT AN ORDER

To: ALL BIDDERS

CTBTO Ref. No.: 2022-0138/Poggio
(PLEASE QUOTE ON ALL COMMUNICATIONS)



Tel. No.: +43 (1) 26030-6350
E-mail: procurement@ctbto.org

Attn.:

Phone:
Fax:
Email:

Date: 20 Oct 22

Title of Request: ANALYSIS OF SEISMIC AMBIENT NOISE AND EARTHQUAKE
RECORDINGS

Deadline for Submission: 3 Nov 2022

Vienna Local Time: 17:00

The Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (hereinafter referred to as the 'Commission') hereby invites you to quote the following items as per conditions listed below.

Item	Description and Requirements	Quantity	U/M
1	Analysis of Seismic Ambient Noise	1	each
2	Analysis of Earthquake Recordings	1	each

When preparing your quotation, please follow the attached instructions. You are kindly requested to complete and return the acknowledgement form by e-mail as soon as possible. If you have any questions you should contact the e-mail address indicated above. We look forward to receiving your quotation.

Yours sincerely,



Nodira ALIMDJANOVA
Procurement Officer

ACKNOWLEDGEMENT FORM

Solicitation No: 2022-0138	Closing Date: 3 Nov 2022
Title: ANALYSIS OF SEISMIC AMBIENT NOISE AND EARTHQUAKE RECORDINGS	Vienna Local Time: 17:00

Procurement Staff: Davide Poggio

CTBTO Req. No.: 0010020518

Please complete 'A' or 'B' or 'C'
and Return

WITHIN FIVE (5) DAYS

THE PREPARATORY COMMISSION FOR THE
COMPREHENSIVE NUCLEAR-TEST-BAN TREATY ORGANIZATION (CTBTO)

by email to
procurement@ctbto.org

A: We shall submit our proposal	
By: _____ (date)	Company Name: _____ Contact Name: _____ Email/Tel: _____

B: We may submit and will advise	
By: _____ (date)	Company Name: _____ Contact Name: _____ Email/Tel: _____

C: We will not submit a proposal for the following reason(s)	
<input type="checkbox"/> our current workload does not permit us to take on additional work at this time;	
<input type="checkbox"/> we do not have the required expertise for this specific project;	
<input type="checkbox"/> insufficient time to prepare a proper submission;	
<input type="checkbox"/> other (please specify) _____	
Company Name: _____ Contact Name: _____ Email/Tel: _____	

INSTRUCTIONS TO BIDDERS

OTHER REQUIREMENTS:	
Electricity: N/A	
Volt: N/A	Hz: N/A phase AC: N/A
Language: All communications and documents shall be in the English language	
Spare Parts: N/A	

CONDITIONS	
Delivery Terms (INCOTERMS 2020) and Destination	<ul style="list-style-type: none"> DAP (Delivered at Place duty unpaid), door-to-door delivery to CTBTO, Vienna International Centre (VIC), Vienna, Austria. <p>Please note that all deliveries must include insurance for the equipment/goods.</p>
The Price	<p>The price quotation shall include costs and expenses incurred by the Supplier for the full and proper performance of all obligations under the contract (including travel, allowances, management and remuneration of the personnel, national income tax, medical, insurance and social security contribution, if applicable).</p> <p>The quotation can be submitted for Task 1, or Task 2 or both</p> <p>Please provide separate prices as applicable to each Task.</p> <p>The Commission reserves the right to award one order for both Tasks to a single supplier, or to split the award to two different suppliers, at its own choice.</p> <p>Please define the following costs:</p> <ul style="list-style-type: none"> Daily rates applicable to personnel performing the work Estimated number of working days per each Step and Task, as defined in the Terms of Reference Any other applicable cost <p>Please provide CVs of the personnel proposed for the work, demonstrating the qualifications required in the Terms of Reference – Section 5.</p> <p>Please include a brief description explaining how the work will be performed and demonstrating your understanding of the scope of the work.</p> <p>Please describe which Hardware and/or Software will be used to perform the work.</p>
Currency	Please quote in EURO or US\$ only.

Taxes	<p>In principle the Commission is exempt from taxes. Since the arrangement under which such exemption is respected varies from country-to-country, the (selected) bidder will be informed by the Commission whether tax exemption will occur at source or whether taxes will be reimbursed by the Commission upon submission of the original supporting documentation. “Taxes” means all direct and indirect taxes (including value added tax, general sales tax or goods and services tax), assessments, fees, customs duties, liens and charges in as much as they are levied in conclusion or implementation of the purchase order, including customs restrictions and charges of similar nature in respect of articles imported or exported for the Commission’s official use.</p> <p><i>(1) For Austrian companies</i></p> <p>The price quoted shall be net of Taxes. All applicable Taxes payable by the (selected) bidder at the conclusion or implementation of the Purchase Order in respect of the goods/services shall be quoted separately or be separately identified on the Proposal together with information on the nature of the tax and its method of calculation.</p> <p><i>(2) For European Union (EU) Companies [FOR PURCHASE FROM EU COUNTRIES]</i></p> <p>The price quoted shall be net of Taxes. All applicable Taxes payable by the (selected) bidder at the conclusion or implementation of the Purchase Order in respect of the goods/services shall be quoted separately or separately identified on the Proposal together with information on the nature of the Tax and its method of calculation. Due to the VAT exemption applicable to the Commission, no VAT will be charged to the Commission by the EEC Suppliers under the Contract (Ref. EU VAT Council Directive 2006/112/EC, Article 151).</p> <p><i>(3) For Non-EU Companies (FOR PURCHASE FROM NON-EU OR NON-EUROPE COUNTRIES)</i></p> <p>The price quoted shall be net of Taxes. All applicable Taxes payable by the (selected) bidder at the conclusion or implementation of the Purchase Order in respect of the goods/services shall be quoted separately or be separately identified on the Proposal together with information on the nature of the Tax and its method of calculation. For deliveries to Vienna, Austria, and due to the Tax exemption at source applicable to the Commission, no Taxes shall be charged to the Commission under the Purchase Order.</p>
Insurance	Insurance to be included in the quotation must be for All Risk, covering 110% of the cost of the equipment proposed, and from the date/place of the shipment to the date/place the delivery is completed. The insurance shall be in the name of the bidder and the Commission.
Validity of Quotation	Minimum 90 days as of the Closing Date as indicated on the cover letter
General Conditions	The “General Conditions of Contract” (See Annex A attached hereto) will be applicable to the Work
Privileges & Immunities	Nothing in or relating to the Purchase Order shall be deemed to constitute an express or implied waiver of any Privileges and Immunities of the Commission.
Payment Terms	<p>Within 30 days of receipt and acceptance of the goods/services and of the following documents:</p> <ol style="list-style-type: none"> (1) Invoice(s) showing the firm fixed price of the goods/services and delivery costs to the CTBTO in Vienna Austria, as applicable. The Supplier shall submit the invoice(s) electronically, from the Supplier’s official e-mail address in PDF format, duly signed and stamped by the Supplier and submitted to Payable_Invoices@ctbto.org. The invoice shall contain detailed banking instructions, including the name and address of the Supplier's bank, account number, account holder’s name and SWIFT, IBAN and/or ABA codes for payment by electronic transfer and actual pre-paid transportation and insurance cost <i>(if applicable)</i>; (2) Air Way Bill and Packing List <i>(if applicable)</i>; (3) A copy of the invoice(s) from the forwarding agent supporting the actual delivery costs indicated on the Supplier’s invoice <i>(if applicable)</i>;

	<p>(4) Delivery Notice acknowledged by VIC Receiving Area staff, showing all the items delivered (<i>if applicable</i>);</p> <p>(5) Acknowledgement Copy of the Commission's Purchase Order with Supplier's signature;</p> <p>(6) A copy of the documents reporting the result of equipment Acceptance, approved and counter-signed by the Commission and/or the end-user (<i>if applicable</i>);</p> <p>(7) The Supplier's certificate, counter-signed by the Consignee/end-user, confirming the successful completion of the on-site support for installation and/or training (<i>if applicable</i>); and</p> <p>(8) Any other relevant documents.</p> <p>Applicable Taxes payable by the Supplier and/or its subcontractor(s) shall be invoiced separately or be separately identified on the invoice. Actual payment of the Taxes must primarily be supported by original documentation such as invoices, bank account statements, transfer orders, or receipts issued by the local tax or customs authorities. If submission of such original documentation is not possible for justifiable reasons, their copies could be accepted by the Commission provided that they are duly signed and certified by local tax or customs authorities. In case the currency in which the Taxes are levied is not the currency of the Purchase Order, bank statements (or equivalent) showing the exchange rate used for the conversion shall be submitted to the Commission, in addition to any other supporting documentation.</p>
Other Documents	<p>Please submit, jointly with the Quotation, the following documents (attached hereto):</p> <ul style="list-style-type: none"> - the Bidder's Statement, duly completed; - the Vendor Profile Form, in case you haven't submitted to the Commission in the past two years; and - the Statement of Confirmation, duly signed.

OTHER INFORMATION

1. The Commission reserves the right to accept or reject bidder's quotation, partially or entirely, and to annul this procurement process at any time prior to award of the Purchase Order, without thereby incurring any liability to the bidder or any obligation to inform the bidder of the grounds for the Commission's action.
2. The bidder shall include in its quotation documentary evidence of its qualifications to perform the Purchase Order which shall establish to the Commission's satisfaction that the bidder has the financial, technical and production capability necessary to perform the Purchase Order in its entirety and to provide spare parts and other necessary on-going services as required.
3. The bidder shall bear all the costs associated with the preparation and submission of the quotation and the Commission shall not be responsible or liable for those costs, regardless of the conduct or outcome of this RFQ.
4. The bidder's price quotation shall be submitted in the English language, together with relevant technical literatures in duplicate, which shall also be in English.
5. The bidder's quotation shall be typed or written in indelible ink and signed by an official legally authorized to enter into contracts on behalf of their organization. The quotation shall not contain any inter-lineation, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initialled by the person or persons signing the quotation.
6. The goods and services (if any) to be rendered under the Purchase Order shall have their origin in the States Signatories of the Comprehensive Nuclear-Test-Ban Treaty (CTBT), the list of which is attached to this RFQ. For purposes of this paragraph, "the origin" means the place from where the materials, goods and/or from which the services are supplied.
7. Not later than 7 days before the deadline for submission of the quotations, any request for clarifications relating to the RFQ documents shall be emailed to procurement@ctbto.org, attention to Procurement Staff in charge of this matter referred to in the RFQ cover letter. If such requests are addressed to others or if additional information is obtained from others, it may lead to disqualification of the bidder. No requests for clarifications will be entertained after this time.

8. From the deadline for submission of quotation until the written notification of award, no bidder shall contact the Commission on any matter relating to its quotation, except when responding to a request from the Commission for clarification. Any effort to influence the Commission in its evaluation of the quotation(s) or its award decision shall result in the rejection of the quotation.
9. The Commission shall evaluate the compliance of the quotations with the RFQ requirements. Subject to its technical compliance, the quotations shall be examined for its contractual compliance and commercial acceptability. Based on the mentioned evaluation, the Commission will determine the quotation which is the “least costly technically acceptable”. Deviation, if any, from the Commission’s terms and conditions might be a factor in the decision of award. **The Commission also reserves the right to split the award for this project if so deemed desirable.**
10. In case of an award, the following documents shall govern the Purchase Order and in case of discrepancies or inconsistencies, the documents to prevail shall be given precedence in the following order:
 - (a) The Purchase Order
 - (b) The Commission’s General Conditions of Contracts (Annex A)
 - (c) Terms of Reference (Annex B)
 - (d) The bidder’s quotation (Annex C), if applicable

Use of former Preparatory Commission for the CTBTO (“Commission”) employees in the preparation of Quotations:

A Bidder must not, in the absence of prior written approval from the Commission, permit a person to contribute to, or participate in, any process relating to the preparation of a Quotation or the procurement process if the person:

- a. At any time during the 12 months immediately preceding the date of issue of the Solicitation was an official, agent, servant or employee of, or otherwise engaged by the Commission;
- b. At any time during the 24 months immediately preceding the date of issue of the Solicitation was an employee of the Commission personally engaged, directly or indirectly, in the definition of the requirements, project or activity to which the Solicitation relates.

The quotation shall be submitted in writing to the email address below:

procurement@ctbto.org

Bidders shall take note of the attached price schedule instructions when submitting the quotation.

Should there be items on our list that you cannot include in the quotation, we would appreciate you marking them, and returning the information to us, together with the names of any potential bidder(s) known to you. Please do this even if you cannot submit a quotation for any of the items and kindly don’t forward the RFQ to any other parties without our knowledge.

Please confirm, within 5 working days, the receipt of this RFQ and your confirmation whether you will submit a quotation by the closing date mentioned herein.

Attachments:

- The Commission’s General Conditions of Contract (Annex A)
- The Commission’s Terms of Reference (Annex B)
- CTBTO Member States
- Statement of Confirmation
- Vendor Profile Form

BIDDER'S STATEMENT
PLEASE STATE BELOW & SUBMIT WITH PROPOSAL

Delivery Time:

Shipping weight (kg) and Volume (m³) – if applicable:

List of recommended consumables and spares including prices and details on local availability, if applicable (please tick):

☐ For one year period ☐ For a period of

Warranty period applicable (it shall be for a **minimum of 24 months**, starting from the acceptance of the goods/services by the Commission) – please tick below:

☐ For a two year period ☐ For a period of

Note: The provisions of article 28 of the Commission's General Conditions of Contract apply to the services to be provided under the Purchase Order, wherever it is referred to "Goods" it shall read "Services".

Availability of local service in Vienna, Austria (if any):

State country of origin or assembly of all items quoted:

Quantity discount and early payment discount (if any):

Include documentary evidence of qualifications to perform the order, which shall establish to the Commission's satisfaction that the bidder has the financial, technical and production capability necessary to perform the order in its entirety and to provide spare parts and other necessary on-going services as required.

Included in this quotation : **Yes** ☐ **No** ☐

Confirmation that the bidder has reviewed the Commission's Model License Agreement (if attached), the Commission's General Conditions for Goods (if attached), the Commission's General Conditions of Contract (if attached), Draft Contract (if attached), and the Special Conditions (if attached), and agreed to all terms and conditions.

Yes ☐ **No** ☐

Remarks:

With regards to the software provided with the equipment, state and confirm whether the software licenses are transferable to third parties, i.e. the Commission or the Commission's State Signatories (Member States).

Yes ☐ **No** ☐ **Not applicable** ☐

Remarks:

Name:

Name & Title of Contact Person:

Signature & date:

SAMPLE OF PRICE SCHEDULE

1. The Price Schedule must provide a detailed cost breakdown for each item. Delivery costs, and other estimated costs (e.g. customs duties, VAT, etc.) shall be quoted separately.
2. Technical descriptions for each proposed item must provide sufficient detail to allow the Commission to determine compliance of Bid with specifications as per Terms of Reference and/or Technical Specifications of this RFQ.
3. Currency: Please quote in EURO or US\$ only.
4. The format shown below shall be used in preparing the price quotation. The format uses a specific structure that may or may not be applicable but is indicated to serve as an example only.

Price Schedule: RFQ for Goods/Equipment					
Item No.	Description of Item	Qty.	Unit	Cost per Unit	Total Cost per item
	Item 1				
	Item 2				
	Item X				
	Item Y				
	Item Z				
	EQUIPMENT TOTAL				
	OTHER COSTS (if any)				
	SUBTOTAL				
	Estimated or Firm Fixed Delivery Costs*				
	Estimated Taxes, if applicable*				
	GRAND TOTAL (DDU or DDP as per the RFQ)				

Signature of Bidder:

Date:

***Note:**

1. Please show costs for delivery and taxes separately.
2. Delivery costs shall include packing, handling, insurance, shipment, custom clearance and local delivery to final destination.
3. Applicable taxes, when authorized prior to the award of the order, will be reimbursed by the Commission on the basis of actual amounts paid and documented.
4. Make it clear that the quoted charge is an estimate, by indicating **“Estimate”** or **“Approx.”** or **“Firm Fixed”**
5. Estimated costs (other than taxes) shall mean that the Commission shall pay the actual cost, not to exceed the estimate by more than ten (10) percent, in the event of an order.

Please be informed that all open competitive tenders of the CTBTO are available on the Web.

For more information, please visit <http://www.ctbto.org/procurement>

General Conditions of Contract

1. DEFINITIONS

- (a) In these general conditions of contract the terms beginning with a capital letter shall have the meaning as defined in the Contract.
- (b) “Services” means all services to be rendered under the Contract.
- (c) “Goods” shall mean all goods, equipment, materials and/or other supplies to be provided under the Contract.
- (d) “Taxes” shall mean all direct and indirect taxes (including value added tax, general sales tax or goods and services tax), assessments, fees, customs duties, liens and charges in as much as they are levied in conclusion or implementation of the Contract, including customs restrictions and charges of similar nature in respect of articles imported or exported for the Commission’s official use.

2. LEGAL STATUS

The Contractor shall be considered as having the legal status of an independent contractor vis-à-vis the Commission. Neither the Contractor and any subcontractor, nor their personnel shall be considered to be an employee or an agent of the Commission.

3. ASSIGNMENT

The Contractor shall not assign, transfer, pledge or make other disposition of the Contract or any part thereof, or any of the Contractor’s rights, claims or obligations under the Contract except with the prior written consent of the Commission.

4. SUBCONTRACTING

In the event the Contractor requires the services of one or more subcontractors, the Contractor shall obtain the prior written approval and clearance of the Commission for such subcontractor(s). The Commission’s approval of a subcontractor shall not relieve the Contractor of any of his obligations under the Contract, and the terms of any subcontract shall be subject to and in conformity with the provisions of the Contract.

5. SOURCE OF INSTRUCTIONS

- (a) The Contractor shall neither seek nor accept instructions from any authority external to the Commission in connection with the performance of its obligations under the Contract. The Contractor shall refrain from any action which may adversely affect the Commission and shall fulfil its commitments with the fullest regard to the interests of the Commission.
- (b) While present at the Commission’s premises, personnel of the Contractor shall, at all times, obey and conform to all requests and instructions of the Commission’s officials and the United Nations Security Staff.

6. CONTRACTOR’S RESPONSIBILITY FOR EMPLOYEES

The Contractor shall be responsible for the professional and technical competence of its employees and will select, for the performance under the Contract, reliable individuals who will perform effectively in the implementation of the Contract, respect the local laws and customs and conform to a high standard of moral and ethical conduct.

7. ASSIGNMENT OF PERSONNEL

- (a) The Contractor shall not replace or withdraw any personnel referred to in the Contract for the performance of the Services without the prior written approval of the Commission or unless requested by the Commission.
- (b) Prior to assignment, replacement or withdrawal of personnel for the performance of the Services, the Contractor shall submit to the Commission for its consideration, the curriculum vitae or detailed justification to permit evaluation by the Commission of the impact which such assignment, replacement or withdrawal would have on the Services.
- (c) In the event of withdrawal of personnel, all costs and additional expenses resulting from the replacement, for whatever reasons, of any of the Contractor’s personnel shall be for the account of the Contractor. Such withdrawal shall not be considered as termination in part or in whole of the Contract.

8. CONFLICT OF INTEREST

No employee, officer, adviser, agent and/or subcontractor of the Contractor assigned to perform Services under the Contract shall engage, directly or indirectly, in any business, profession or occupation connected or related to the Services or Goods to be provided under the Contract if this constitutes a conflict of interest.

9. INSURANCES

- (a) The Contractor shall provide and thereafter maintain appropriate insurance, or its equivalent, with respect to its employees to cover claims for personal injury or death in connection with the Contract.
- (b) The Contractor shall provide and thereafter maintain insurance against all risk in respect of its property and any equipment used for the execution of the Contract.
- (c) The Contractor shall also provide and thereafter maintain liability insurance in an adequate amount to cover third party claims for death, bodily injury, loss of and damage to property arising from any operations carried out by the Contractor in performing its obligations in connection with the Contract or from operation of any vehicles, boats, airplanes and other equipment owned or leased by the Contractor or its agents, servants, employees or subcontractors.
- (d) Except for insurance mentioned in paragraph (a), the insurance policies under this clause shall:
 - (i) Name the Commission as additional beneficiary;
 - (ii) Include a waiver of subrogation of the Contractor's rights to the insurance carrier against the Commission.
- (e) The Contractor shall, upon request, provide the Commission with satisfactory evidence of the insurance required under the Contract.
- (f) Any amounts not insured, not recovered from or not claimed by the insurer shall be borne by the Contractor.
- (g) Information concerning reduction of coverage shall be furnished by the Contractor to the Commission with at least thirty (30) days prior written notice.
- (h) The Contractor undertakes that provisions to the same effect as the provisions in sub-clauses (a) through (c) above will be inserted in all subcontracts made in performance of the Contract, except sub-contracts exclusively for furnishing Goods.

10. ENCUMBRANCES/LIENS

The Contractor shall not cause or permit any lien, attachment or other encumbrance by any person to be placed on file in any public office or on file with the Commission against any monies due or to become due for any Services or Goods provided under the Contract, or by reason of any other claim or demand against the Contractor.

11. OBSERVANCE OF THE LAW

- (a) The Contractor shall comply with all laws, ordinances, rules and regulations, including but not limited to health, environmental and labour laws bearing upon the

performance of its obligations under the terms of the Contract.

- (b) In particular, the Contractor shall comply with the labour laws of the country in which the Services or Goods are to be furnished providing for benefits covering injury or death in the course of employment.

12. CONFIDENTIALITY

- (a) All technical, financial or other documentation and data the Contractor compiled for or received from the Commission under the Contract shall be treated as confidential and shall be delivered only to the Commission's authorized officials on completion of the Services or as requested by the Commission.
- (b) Either Party acknowledges that all knowledge and information concerning the other Party that may be acquired in connection with the performance of its obligations under the Contract, including but not limited to, any information relating to its operations and procedures, are confidential and proprietary information of the other Party and it shall receive such confidential and proprietary information of the other Party in confidence and shall not disclose or permit disclosure of any such knowledge or information to any person and/or entity without the prior written consent of the other Party.
- (c) The Contractor shall not, at any time, use such confidential information to its own advantage.
- (d) The restrictions on confidentiality shall not apply to the information which:
 - (i) presently is in the public domain;
 - (ii) hereafter becomes part of the public domain without the other Party's fault;
 - (iii) was in the possession of the other Party at the time of the disclosure, as shown by written evidence;
 - (iv) is disclosed to the other Party at any time hereafter by a third Party.
 - (v) is required to be disclosed to governing bodies, or to governmental authorities to the extent required by law or to obtain needed authorization to perform the Contract or pursuant to reporting requirements imposed by those governing bodies or the government of the State of the Contractor.
- (e) These obligations do not lapse upon satisfactory completion of the Services, delivery of the Goods or termination of the Contract by the Commission.

13. LANGUAGES, WEIGHTS AND MEASURES

Unless otherwise specified in the Contract, the English language shall be used by the Contractor in all written communications to the Commission with respect to the Services or Goods to be provided and all documents procured or prepared by the Contractor. The Contractor shall use metric units, except when otherwise specified in the Contract.

14. PUBLICITY

- (a) The Contractor shall not advertise or otherwise make public the fact that it is providing or has provided Services and Goods for the Commission. Also, the

Contractor shall not, in any manner whatsoever, use the name, emblem or official seal of the Commission or any abbreviation of the name of the Comprehensive Nuclear-Test-Ban Treaty Organization in connection with its business or otherwise.

- (b) These obligations do not lapse upon satisfactory completion of the Services, delivery of the Goods or termination of the Contract.

15. OFFICIALS NOT TO BENEFIT/CONTINGENT FEES

- (a) The Contractor warrants that:
 - (i) No person or selling agency has been employed or retained by it to solicit or secure the Contract upon an agreement or understanding for a commission, percentage, brokerage, contingent fee or retainer, except regular employees or bona fide and officially established commercial or selling agencies maintained by the Contractor for the purpose of securing business;
 - (ii) No official or servant or retired employee of the Commission who is not a regular employee of the Contractor, has been or shall be admitted by the Contractor to any direct or indirect benefit arising from the Contract or the award thereof.
- (b) In case of breach by the Contractor of the warranties referred to in previous clauses, the Commission shall have the right to deduct from the Contract Price, or otherwise recover from the Contractor, the full amount of any such commission, percentage, brokerage, contingent fee or retainer so paid.

16. INTELLECTUAL PROPERTY AND OTHER PROPRIETARY RIGHTS

- (a) Except to the extent the Contractor has granted a license to the Commission, the Commission, shall be entitled to all intellectual property, including but not limited to copyrights, patents and trademarks, with regard to products, documents or other materials which bear a direct relation to or are produced or collected under the Contract. The Contractor shall take all necessary steps, prepare and process all necessary documents and assist in securing such property rights and transferring them to the Commission and/or to the government where the Services or Goods are to be provided, in compliance with the requirements of the applicable law.
- (b) The Contractor declares that it does not know of any intellectual property rights of third parties, which might be infringed in the execution of the Contract. Should, contrary to the Contractor's expectation, claims be raised against the Commission charging it with infringement of intellectual property rights, the Contractor shall hold harmless the Commission and shall indemnify it to the full extent of any damages or awards arising from such claims. This obligation of the Contractor shall continue to be in full force and effect up to the expiration of such intellectual property rights.
- (c) The Commission shall give the Contractor due notice in writing of any charges of infringement brought against the Commission and of the filing of any suit for

infringement of intellectual property rights of third parties due to the execution of the Contract, and, without prejudice to the immunity enjoyed by the Commission as an international organization from every form of legal process, including enforcement and execution, the Commission shall give the Contractor the opportunity to defend the Commission against the said suit at its discretion and shall not, without the Contractor's consent in writing, make any admission or consent to any claim of any third party, which might be prejudicial to the Contractor's position.

17. DEFAULT BY THE CONTRACTOR

- (a) In case the Contractor fails to fulfil its obligations and responsibilities under the Contract and provided the Contractor has not remedied such failure(s) within thirty (30) days of having been given written notification by the Commission of the nature of the failure(s), the Commission may, at its entire discretion and without prejudice to its right to withhold payment(s), hold the Contractor in default under the Contract.
- (b) When the Contractor is thus in default, the Commission may, by giving written notice to the Contractor, terminate the Contract as a whole or such part or parts thereof in respect of which the Contractor is in default. Upon such notice, the Commission shall have the right to seek completion, at the Contractor's expense, of that part or those parts of the Contract with respect to which the Contractor is in default.
- (c) The Contractor shall, in this case, be solely responsible for any reasonable costs of completion of the Services and/or delivery of Goods, including such costs, which are incurred by the Commission over and above the originally agreed Contract Price.

18. WITHHOLDING OF PAYMENT

- (a) The Commission may withhold any payment to the Contractor or, on account of subsequently discovered evidence, nullify the whole or part of any payment approval theretofore given, to such an extent as may be necessary to protect the Commission from loss under the Contract on account of:
 - (i) The Contractor's failure to carry out its obligations or to make adequate progress with the obligations, except for failure arising out of force majeure;
 - (ii) The Contractor's failure to remedy unsatisfactory performance, when such failure has been drawn to his attention by the Commission;
 - (iii) The Contractor's failure to submit on time the reports required.
- (b) The withholding by the Commission of any interim payment shall not affect the Contractor's obligation to continue performance of his obligations under the Contract.
- (c) No interest shall accrue on payments eventually withheld by the Commission in application of the stipulations of this paragraph.

19. LIQUIDATED DAMAGES

Subject to Clause 20 below (force majeure), if the Contractor fails to deliver any or all of the Services and/or Goods within the latest time period(s) specified in the Contract, the Commission may, without prejudice to its other remedies under the Contract, deduct from the Contract Price as liquidated damages, a sum equivalent to 0.2 per cent of the portion of the Contract Price for the delayed Services and/or Goods for each working day of delay until actual performance, up to a maximum of sixty (60) working days. The recovery by the Commission of proven damages shall not be excluded.

20. FORCE MAJEURE

- (a) Force majeure as used herein shall mean acts of God, industrial disturbances, acts of the public enemy, civil disturbances, explosions and any other similar cause of equivalent force not caused by nor within the control of either party and which neither party is able to overcome.
- (b) As soon as possible after the occurrence of any cause constituting force majeure, the Contractor shall give notice and full particulars in writing to the Commission of such force majeure if the Contractor is thereby rendered unable, wholly or in part, to perform its obligations and meet its responsibilities under the Contract.
- (c) In this event, the following provisions shall apply:
 - (i) The obligations and responsibilities of the Contractor under the Contract shall be suspended to the extent of its inability to perform them and for as long as such inability continues;
 - (ii) The term of the Contract shall be extended for a period equal to the period of suspension taking, however, into account any special conditions which may cause the time for completion of the obligations to be different from the period of suspension;
 - (iii) If the Contractor is rendered permanently unable, wholly or in part, by reason of force majeure to perform its obligations and meet its responsibilities under the Contract, the Commission shall have the right to terminate the Contract on the same terms and conditions as are provided for in the Termination Clause of the Contract, except that the period of notice may be seven (7) days instead of thirty (30) days;
 - (iv) For the purpose of the preceding sub-clause, the Commission may consider the Contractor permanently unable to perform in case of any period of suspension in excess of ninety (90) days. Any such period of ninety (90) days or less shall be deemed temporary inability to perform.

21. INSOLVENCY AND BANKRUPTCY

Should the Contractor be insolvent, adjudged bankrupt, or should the Contractor make a general assignment for the benefit of its creditors, or should a receiver be appointed on account of the Contractor's insolvency, the Commission may, without prejudice to any other right or remedy it may have under the terms of the Contract, terminate the Contract

forthwith by giving the Contractor written notice of such termination.

22. INDEMNIFICATION

The Contractor shall indemnify, hold and save harmless and defend at its own expense the Commission, its officers, agents, servants and employees from and against all suits, claims, demands and liability of any nature or kind, including cost and expenses arising out of acts or omissions of the Contractor or its employees or subcontractors in the performance of the Contract. This requirement shall extend, inter alia, to claims or liabilities in the nature of workers' compensation and to claims or liabilities pertaining to intellectual property rights. The obligations under this clause do not lapse upon termination of the Contract.

23. AMICABLE SETTLEMENT

The parties shall use their best efforts to settle amicably through negotiation any dispute, controversy or claim arising out of, or relating to, the Contract or the breach, termination or invalidity thereof. If the parties cannot reach such amicable settlement through negotiations, the matter shall first be referred to conciliation, by a request by either party for conciliation procedures. The conciliation shall take place in accordance with the United Nations Commission on International Trade Law (UNCITRAL) Conciliation Rules then prevailing, or according to such other procedure as may be agreed between the parties, within a time period of ninety (90) days. There shall be one conciliator. The conciliation shall be in Vienna, Austria, and it shall be conducted in the English language.

24. ARBITRATION

- (a) In the event of a failure to reach an amicable settlement in accordance with Clause 23 above (Amicable Settlement), any dispute arising out of the interpretation or application of the terms of the Contract or any breach thereof shall be settled in accordance with the arbitration rules established by UNCITRAL as at present in force. The number of arbitrators shall be one. The arbitration shall be in Vienna, Austria, and it shall be conducted in the English language.
- (b) The arbitrator shall take into account the internationally recognized general principles of commercial transactions. The arbitrator shall have no authority to award punitive damages, nor to award interest in excess of five (5) per cent, and any such interest shall be simple interest only. The parties shall be bound by any arbitration award rendered as a result of such arbitration as the final adjudication of any such dispute.

25. PRIVILEGES AND IMMUNITIES

Nothing in or relating to the Contract shall be deemed a waiver, express or implied, of any of the privileges and immunities of the Commission and its employees.

25(a). TAX EXEMPTION

In principle, the Commission is exempt from all Taxes. Since the arrangement under which such exemption is respected varies from country-to-country, the Contractor shall collaborate with the Commission to achieve Tax exemption at source or to pursue reimbursement of Taxes paid by the Commission, as the case may be.

26. TERMINATION

The Commission may terminate the Contract in whole or in part, and at any time, upon thirty (30) days' notice of termination to the Contractor. In the event such termination is not caused by the Contractor's negligence or fault, the Commission shall be liable to the Contractor for payment in respect of Services already satisfactory accomplished or Goods delivered and accepted and in conformity with the terms of the Contract, for necessary terminal expenses of the Contractor, and for the cost of such urgent work as is essential and as the Contractor is asked by the Commission to complete. The Contractor shall keep expenses at a minimum and shall not undertake any forward commitment from the date of receipt of the Commission's notice of termination.

27. GOODS

In the event that the Contract requires the Contractor to supply Goods, Clauses 28-35 shall apply in addition to the above.

28. WARRANTY

- (a) The Contractor warrants that the Goods, including packaging, conform to the specifications for the Goods ordered under the Contract and are fit for the purpose for which such Goods are ordinarily used and for purposes expressly made known to the Contractor by the Commission, and are new and free from defects in design, workmanship and materials.
- (b) This warranty shall remain valid for twenty-four (24) months after the Goods or any part thereof have been delivered and accepted, whichever is later, unless the Contractor has granted a longer period. Should the Commission transfer the title of the Goods to a third party during the warranty period, the right to enjoy the warranty shall be transferable to the new title-holder.
- (c) If, during the warranty period mentioned in sub-clause (b) above, the Goods or any part thereof are found to be defective or not in conformity with the specifications under the Contract, the Contractor shall, upon notification, promptly and at its own expense correct all such defects and non-conformities. If these defects and non-conformities cannot be corrected, the Commission shall have the right, at the Contractor's expense, to either demand replacement of the defective item, or receive appropriate reimbursement, or have the defective item repaired or otherwise procured from a third party.

29. INSPECTIONS AND TESTS

- (a) The Commission shall have the right to inspect and/or to test the Goods to confirm their conformity to the technical specifications. The technical specifications shall specify what inspections and tests the Commission requires.
- (b) The inspections and tests may be conducted on the premises of the Contractor or its subcontractor(s), at a point of delivery designated by the Commission and/or at the Goods' final destination. The Contractor shall give all reasonable facilities and assistance-including drawings and production data-to the Commission at no charge to the Commission.
- (c) Should any inspected or tested Goods fail to conform to the technical specifications, the Commission reserves the right to reject them and the Contractor shall either replace the rejected Goods or make all alterations necessary to meet specification requirements free of cost to the Commission.
- (d) The Commission's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at the point of delivery designated by the Commission or at the Commission's offices, shall in no way be limited or waived by reason of the Goods' having previously been inspected, tested and passed by the Commission.
- (e) Nothing in this Section on Inspections and Tests shall in any way release the Contractor from any warranty or other obligations under the Contract.
- (f) All equipment/material supplied under the Contract may be subject to pre-shipment inspection by a third party to be specified by the Commission. The Contractor is not liable for cost of this inspection.

30. PACKING

The Contractor shall comply or ensure compliance with the following provisions concerning packing:

- (a) The Goods shall be packed as is required to prevent their damage or deterioration during transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit.
- (b) In the case of a cross-border shipment, the Goods shall have appropriate export packing. If necessary, all cases/crates must be wrapped inside with heavy-duty plastic lined paper, should be steel-strapped and must be able to withstand tough handling. Skids for truck handling are imperative if the gross weight is more than 30 kilograms.
- (c) The consignment shall be marked and shipped as per address shown on the Purchase Order Form.
- (d) Neither partial delivery nor transshipment shall be made unless specifically agreed by the Commission in writing.
- (e) Each case/crate/package shall carry a consecutive number, dimensions, volume, and weight (i.e. Case No. X of Y cases, A x B x C cm, E m3, D Kg.) and shall be marked as follows:

EQUIPMENT FOR
THE PREPARATORY COMMISSION FOR THE
COMPREHENSIVE NUCLEAR-TEST-BAN
TREATY ORGANIZATION.
[point of delivery]

PURCHASE NO. _____
GROSS WEIGHT _____
NET WEIGHT _____

- (f) Markings shall be done with weatherproof materials. All non-containerized Goods shall be shipped below deck.
- (g) Each case/crate/carton shall carry (outside) a copy of the packing list describing the contents of the case/crate/carton. Outside Case No. 1 should be attached with invoice covering the actual delivery. The accompanying papers must be made out in the English language.
- (h) Prior to delivery, a fax (or a letter by courier service) shall be sent to the consignee, if any, advising of the following:
 - ◆ purchase order/Contract number;
 - ◆ waybill number or equivalent reference number of the shipment (if any);
 - ◆ number of boxes/cartons/crates/etc.;
 - ◆ estimated time of departure (ETD);
 - ◆ point of departure and name of freight carrier;
 - ◆ estimated time of arrival (ETA) to final destination.
- (i) The following documents shall be enclosed with the shipment in case of shipping by air:
 - ◆ airway bill;
 - ◆ proforma or commercial invoice;
 - ◆ packing list.
- (j) The above documents are indispensable and must reach the consignee, if any, on time to permit customs clearance and in order to avoid demurrage charges.

31. DELIVERY AND TRANSPORTATION

- (a) Delivery of the Goods shall be made by the Contractor in accordance with the terms specified in the Contract, and the Goods shall remain at the risk of the Contractor until delivery has been completed.
- (b) Transport of the Goods to the port of discharge or such other point in the country of destination and/or forwarding to the consignee, if any, (door-to-door) specified in the Contract shall be arranged and paid for by the Contractor and the cost thereof shall be included in the Contract Price.

32. TAKE-OVER/HAND-OVER

Upon successful completion of delivery or of installation and a testing and evaluation period, as specified in the Contract, responsibility for the Goods will be handed over to the consignee or other designated entity.

33. EXPORT LICENCES

If an export licence or any other governmental authorization is required for the Goods, it shall be the obligation of the Contractor to obtain such licence or governmental authorization. In the event of failure to obtain such licence or authorization within reasonable time, the Commission may declare the Contract null and void.

34. SPARE PARTS

In accordance with the Contract, the Contractor may be required to provide any or all of the following materials and notifications pertaining to spare parts manufactured and/or distributed by the Contractor:

- (a) Such spare parts as the Commission may choose to purchase from the Contractor, provided that the Contractor is not relieved of any warranty obligations under the Contract;
- (b) In the event of termination of production of the spare after delivery of the Goods:
 - (i) advance notification to the Commission of the pending termination, in sufficient time to permit the Commission to place a final order;
 - (ii) following such termination, furnishing at no cost to the Commission, the blueprints, drawings and specifications of the spare parts, if and when requested.

35. UNITED NATIONS CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS

Questions concerning matters arising under the Contract, but not settled in it, shall be settled in conformity with the United Nations Convention on Contracts for the International Sale of Goods (Vienna, 1980), which shall be applicable to the Contract. The applicable language version of the Convention shall be the version in which the Contract is written.

36. SUSTAINABLE BUSINESS PRACTICES

The Commission requires the Contractor and its personnel to:

- (a) support and respect the protection of internationally proclaimed human rights¹ and to observe the highest standards of ethics and integrity throughout its supply chains.
- (b) abide by the United Nations Supplier Code of Conduct².
- (c) to take appropriate steps, whenever possible to perform its obligations in a manner that takes into account economic, environmental and social considerations.
- (d) certify that they have not and will not engage in harassment or sexual harassment, proscribed practices or any further practice described in Clauses 37, 38, 39, 40

¹ UN Guiding Principles on Business and Human Rights, available at https://www.ohchr.org/Documents/Publications/GuidingPrinciplesBusinessHR_EN.pdf.

² Available at <https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct>.

and 41, during the procurement process and the performance of the Contract.

37. PREVENTION OF HARRASSMENT AND SEXUAL HARRASSMENT

- (a) The Commission is committed to providing a professional work environment that upholds the highest standards of equality, respect and dignity for all. In this regard, and without limitation to any other provision contained herein:
- (i) The Contractor shall adhere to zero tolerance for harassment and therefore accepts and agrees to refrain from any conduct which could, in the view of the Commission, meet the definition of harassment and/or sexual harassment. For the avoidance of doubt, “harassment” shall be understood as any improper or unwelcome conduct that might reasonably be expected or be perceived to cause offence or humiliation to another person when such conduct interferes with work, is made a condition of employment, or creates an intimidating, hostile or offensive work environment. “Sexual harassment” shall be understood as harassment of a sexual nature, and the above definition of harassment applies equally to sexual harassment. Sexual harassment may occur between persons of opposite sex or of the same sex.
 - (ii) The Contractor shall take all reasonable and appropriate measures to prevent and deter harassment and sexual harassment or abuse of anyone by its employees, agents, officials or any other persons engaged or controlled by the Contractor to perform the Services.
 - (iii) The Contractor shall promptly report to the Commission any actual, reported or suspected cases of harassment, sexual harassment or abuse of anyone by its employees, agents, officials or any other persons engaged or controlled by the Contractor to perform the Services of which the Contractor becomes aware. Such reports to the Commission may be on a no name basis, if necessary.
 - (iv) In addition to notifying the Commission pursuant to sub-clause (iii) above, on becoming aware of any allegation of harassment, sexual harassment or abuse of anyone, the Contractor shall take all reasonable and appropriate measures to address the matter, including engaging in good faith consultations with the Commission, while ensuring minimum impact and/or disruption of the Services.
- (b) The Contractor acknowledges and agrees that any breach of the provisions of this Clause 37, as determined by the Commission, shall permit the Commission, at its sole discretion, to:
- (i) Request the Contractor to remove, temporarily or permanently, from the relevant assignment, any Contractor’s personnel reported for having committed harassment, sexual harassment or abuse of anyone.
 - (ii) Terminate the Contract, and/or any other agreement, arrangement or partnership concluded by the Commission with the Contractor, immediately upon

written notice to the Contractor, without any liability for termination charges or any other liability of any kind, on the terms and conditions as are provided for in Clause 26 (Termination) above; and/or

- (iii) Exclude the Contractor from participating in any ongoing or future solicitations, and/or entering into any future contractual or collaborative relationships with the Commission and/or suspend the Contractor from the Commissions supplier roster.
- (c) The Commission shall be entitled to report any breach of the provisions of this Clause 37, as determined by the Commission, to the Commission’s governing bodies, other UN agencies and/or donors.

38. PROSCRIBED PRACTICES

The Commission requires that the Contractor and its personnel certify that they have not and will not engage in proscribed practices and proscribed conduct during the procurement process and the performance of the Contract. The Commission defines Proscribed Practices as follows:

Fraudulent practice: is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

Corrupt practice is the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;

Coercive practice is the impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of any party in order to influence the actions of that party;

Collusive practice is the proposing or entering into an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;

Unethical practice is conduct or behaviour that is contrary to the conflict of interest, gifts and hospitality, post-employment provisions or other published requirements of doing business with the Commission;

Obstructive practice is any act which deliberately and in an effort to compromise an investigation, destroys, falsifies, alters or conceals information or documents that may be relevant to a fraud and corruption investigation, or material that could become evidence as a result of such investigation; or the making of false statements to investigators during such an investigation.

39. CHILD LABOUR

The Contractor represents and warrants that neither it, its parent entities (if any), nor any of the Contractor’s subsidiary or affiliated entities (if any) is engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be

protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral or social development.

40. MINES

The Contractor represents and warrants that neither it, its parent entities (if any), nor any of the Contractor's subsidiaries or affiliated entities (if any) is engaged in the sale or manufacture of anti-personnel mines or components utilized in the manufacture of anti-personnel mines.

41. TERRORISM

The Contractor shall ensure that none of the funds received from the Commission under the Contract are used, directly or indirectly, to provide support to individuals or entities subject to sanctions or other measures promulgated by the United Nations Security Council and appearing in the Consolidated United Nations Security Council Sanctions List. This provision shall be included in all subcontracts or sub-agreements entered into under the Contract.

42. FULL DISCLOSURE

- (a) The Contractor will immediately notify the Commission upon becoming aware of any Proscribed Practices or other prohibited practices or conduct or suspicion thereof, as per Clauses 37-41, by itself or its personnel during the procurement process or the performance of the Contract. The Contractor will take all appropriate measures to prohibit and prevent its personnel from engaging in Proscribed Practices or any other prohibited conduct, as well as to investigate allegations thereof, or to take corrective action when such a Proscribed Practice or any other prohibited conduct has occurred.
- (b) The Contractor further warrants that it is not the subject of any sanctions, or otherwise identified as ineligible by any government, supranational organization (e.g., European Union), another entity of the United Nations System or multilateral development finance institution. The Contractor will disclose to the Commission if it becomes subject to any sanction or temporary suspension during the term of the Contract. The Contractor recognizes that a breach of this provision constitutes a fraudulent practice.

43. DATA PROTECTION

- (a) **Use of the Commission's data:** Use (including accessing, processing, retention, storage) of the Commission's data is limited to the purposes contained in the Contract and such use will be limited to Contractor's personnel on a "need to know" basis. Use of the Commission's data for internal research, marketing, sales, or promotional purposes is strictly prohibited. Subject to Clause 12 (Confidentiality), the

Contractor will treat the Commission's data as confidential and may neither disclose it nor make it available to any third-party except with the prior written authorization of the Commission.

- (b) **Compliance:** The Contractor confirms that it has a data protection policy in place that meets applicable legal requirements and that it will apply such a policy to the Commission's data, without prejudice to the privileges and immunities of the Commission. The Contractor will implement technical and organisational measures to ensure appropriate protection of the Commission's data, in conformity with the abovementioned requirements and internationally recognised standards and best practices. In addition, the Contractor will:
 - (i) at its sole expense and risk, return, delete, or destroy all the Commission's data, including data backups, upon written instruction of the Commission. The Commission will provide a reasonable period of time and take into account the Contractor's legitimate interests, as well as the termination or expiration date of the Contract;
 - (ii) process, retain or store the Commission's data exclusively in countries that are signatories to the Comprehensive Nuclear-Test-Ban Treaty and that ensure adequate legal protection of the Commission's privileges and immunities; and
 - (iii) be liable for any resulting damages or penalties for its failure to comply with its obligations.
- (c) **Data security:** Upon discovery of a data security breach, the Contractor will immediately notify the Commission and undertake at its sole expense to:
 - (i) propose immediate remedial actions (including containment);
 - (ii) implement, as directed by the Commission, all necessary damage mitigation and remedial actions;
 - (iii) where applicable, as directed by the Commission, restore the Commission's and end-users' access; and
 - (iv) keep the Commission informed of its progress.
- (d) The Contractor, at its sole expense, will cooperate fully with any Commission investigation, remediation steps and response to a data security breach.

44. ESSENTIAL TERMS

The Contractor acknowledges and agrees that each of the provisions in Clauses 36 to 43 above constitutes an essential term of the Contract and that any breach of any of these provisions shall entitle the Commission to terminate the Contract or any other contract the Contractor has with the Commission, immediately upon notice to the Contractor, without any liability for termination charges or any other liability of any kind. Furthermore, the Commission is entitled to exclude the Contractor from participating in future tenders should the Contractor breach any of the provisions included in Clauses 36 to 43.

ANNEX B

TERMS OF REFERENCE

ANALYSIS OF SEISMIC AMBIENT NOISE AND EARTHQUAKE RECORDINGS

1. BACKGROUND

The Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization with its headquarters in Vienna (hereinafter referred to as “the Commission”) is the international organization mandated to establish the global verification system foreseen under the Comprehensive Nuclear-Test-Ban Treaty (CTBT), which is the Treaty banning any nuclear weapon test explosion or any other nuclear explosions. The Treaty provides for a global verification regime, including a network of 321 stations worldwide, a communication system, an international data centre and on-site inspections (OSI) to monitor compliance with the Treaty.

Resonance Seismometry is amongst the OSI techniques permitted by the CTBT (paragraph 69(f), Part II of the Protocol to the CTBT). Recent developments of this technique by the Commission included numerical modelling of seismic wavefields in the context of underground nuclear explosions, the analysis of data collected during field testing and the drafting of a concept of operations for this technique, as well as testing of the concept of operations with data recorded during Source Physics Experiments 5 and 6 at the Nevada National Security Site. In order to complement these developments, the Commission intends to undertake an analysis of seismic ambient noise and earthquake data recorded during a field test in Rotmoos, Austria in September 2022, in order to verify the approach to the application of Resonance Seismometry as outlined in the concept of operations.

The Commission outlines here the Terms of Reference (ToR) for services to analyse seismic ambient noise and earthquake recordings, hereinafter referred to as “Work/Services”.

The Contractor shall perform Task 1 or 2 or both, as indicated in the Purchase Order

2. SCOPE OF WORK

The Contractor shall carry out the Work/Services in accordance with these ToR and as per the Commission’s request in the most cost-efficient manner and in accordance with best practices. The Contractor shall regularly report on the progress, interim results and time estimated for the required Work/Services to the Commission.

The scope of the Work/Services comprises two tasks as outlined in Sections 2.1 and 2.2. below. For this, the Commission will provide at least the following input documents to the Contractor:

- The Rotmoos data set;
- Reports on geometry and material parameters;
- Results of numerical simulation studies and experimental data processing;
- Chapter on Resonance Seismometry from the current draft Operational Manual for OSI;
- Chapter on Resonance Seismometry from the current draft Manual on OSI Techniques Application;

- Summary of conclusions and recommendations from the most recent OSI Expert Meeting on Resonance Seismometry (2019 Vienna);
- Two reports on the Resonance Seismometry data analysis utilizing data from the Source Physics Experiments 5 and 6 at the Nevada National Security Site.
- Other reference material.

2.1. Analysis of Seismic Ambient Noise – TASK 1

Based on the concept of operations for Resonance Seismometry for CTBT OSI (as outlined in the draft Manual on OSI Techniques Application), the Contractor shall perform an analysis of seismic ambient noise recorded during the OSI Field Test in a mountainous area in the vicinity of Rotmoos, Styria, Austria in September 9-13 2022. The data set consists of 2 about 1 km long profiles, with 20 3C stations on each profile and with station spacing of 25-100 m. The aim is to identify and locate cave targets in the depth range of about 35 to 350 m. The data will be provided for the Contractor by the Commission.

The deliverable of this task is a report on the results of the analysis of seismic ambient noise.

The Contractor shall provide a Draft Report to the Commission for review and comments. The Commission will provide its comments within one month. The Contractor shall undertake the modifications and corrections as requested by the Commission and provide a Final Report including all agreed modifications.

2.2. Analysis of Earthquake Recordings – TASK 2

Based on the concept of operations for Resonance Seismometry for CTBT OSI, the Contractor shall perform an analysis of earthquake recordings obtained during the OSI Field Test in a mountainous area in the vicinity of Rotmoos, Styria, Austria in September 9-13 2022. The data set consists of 2 about 1 km long profiles, with 20 3C stations on each profile and with station spacing of 25-100 m. The aim is to identify and locate cave targets in the depth range of about 35 to 350 m. The data will be provided for the Contractor by the Commission.

The deliverable of this task is a report on the results of the analysis of earthquake recordings

The Contractor shall provide a Draft Report to the Commission for review and comments. The Commission will provide its comments within one month. The Contractor shall undertake the modifications and corrections as requested by the Commission and provide a Final Report including all agreed modifications.

3. DELIVERABLES AND TIMELINES

The Work/Services are to be delivered in 5 steps which apply equally to the tasks outlined in Sections 2.1 and 2.2:

- Step 1 – Initial review of data, documentation and agreement of analysis process and report structure
- Step 2 – Pre-processing of seismic data
- Step 3 – Analysis of seismic ambient noise data / earthquakes recordings
- Step 4 – Draft Report
- Step 5 - Final report relating to Task 1 / Task 2

The Work/Services are to be delivered in accordance with the following timelines:

- Step 1 – Within 2 weeks from the date of the Purchase Order
- Step 2 – Within 1 months from the completion of step 1
- Step 3 – Within 1 months from the completion of step 2
- Step 4 – Within 4 weeks from the completion of step 3
- Step 5 – Within 2 weeks as of receipt of Commission's comments on the Draft Report
-

4. COMMUNICATION

The Commission will appoint a Technical Officer as the Point of Contact (PoC) for this project, who will closely liaise with the Contractor throughout the period of this project. In this regard, the Contractor shall:

- Coordinate and regularly update the Commission on all activities under these ToR,
- Respond effectively and accurately to any question on the Work/Services from the Commission,
- Ensure that all communication will be in English and, if not in person, through e-mail, phone or video conferencing,
- Provide written reports as discussed in Sections 2 and 3, Scope of Work, and Deliverables and Timelines.
- Interim reporting after steps 1, 2 and 3, as outlined in Section 3, will take place through e-mail and/or video conferencing.

The Commission reserves the right to provide comments and request revisions on any deliverable/report as well as to request additional information to be considered or provided within four weeks of receipt of a deliverable/report.

Progress meetings shall take place remotely using electronic communication. The purpose of these meetings is to provide Commission representatives with an update on contract implementation.

Within the timelines for completing the Work/Services as indicated in Sections 2 and 3 above, the Contractor shall provide a Draft Report written in English and submitted in electronic format. If the Commission considers the document to be incomplete, the Commission will then ask the Contractor to take appropriate measures to satisfy its obligation under these ToR. In that case, additional and/or complete information should be included in a revised document, to be submitted to the Commission for review and approval within 2 weeks of the request by the Commission to take the abovementioned appropriate measures. The final revised document shall be provided in electronic format.

5. QUALIFICATIONS OF THE CONTRACTOR

The personnel provided by the Contractor for this project shall have an advanced university degree in geophysics or a related field, and at least 5 years of relevant work experience in seismic data processing. In particular, the personnel shall meet the following requirements:

- Research experience in developing and applying methods, algorithms and computer codes for the analysis of seismic ambient noise and/or earthquake recordings as demonstrated through referenced projects in the last five years;
- Demonstrated understanding of Resonance Seismometry as stipulated in the CTBT for OSI as demonstrated through referenced projects in the last five years;
- Knowledge of nuclear explosion phenomena as relevant to Resonance Seismometry as demonstrated through referenced projects in the last five years;

- Management and organizational skills as demonstrated through referenced projects in the last five years.

6. TRAVEL

No travel is expected for this Work. All meetings and communications will be performed remotely.

7. LANGUAGE

All communications and documents provided to the Commission shall be in the English language.

CTBTO Member States

Afghanistan	Eswatini	Morocco	Turkmenistan
Albania	Ethiopia	Mozambique	Tuvalu
Algeria	Fiji	Myanmar	Uganda
Andorra	Finland	Namibia	Ukraine
Angola	France	Nauru	United Arab Emirates
Antigua and Barbuda	Gabon	Nepal	United Kingdom
Argentina	Gambia	Netherlands	United Republic of Tanzania
Armenia	Georgia	New Zealand	United States of America
Australia	Germany	Nicaragua	Uruguay
Austria	Ghana	Niger	Uzbekistan
Azerbaijan	Greece	Nigeria	Vanuatu
Bahamas	Grenada	Niue	Venezuela
Bahrain	Guatemala	North Macedonia	Vietnam
Bangladesh	Guinea	Norway	Yemen
Barbados	Guinea-Bissau	Oman	Zambia
Belarus	Guyana	Palau	Zimbabwe
Belgium	Haiti	Panama	
Belize	Holy See	Papua New Guinea	
Benin	Honduras	Paraguay	
Bolivia (Plurinational State of)	Hungary	Peru	
Bosnia and Herzegovina	Iceland	Philippines	
Botswana	Indonesia	Poland	
Brazil	Iran (Islamic Republic of)	Portugal	
Brunei Darussalam	Iraq	Qatar	
Bulgaria	Ireland	Republic of Korea	
Burkina Faso	Israel	Republic of Moldova	
Burundi	Italy	Romania	
Cambodia	Jamaica	Russian Federation	
Cameroon	Japan	Rwanda	
Canada	Jordan	Saint Kitts and Nevis	
Cabo Verde	Kazakhstan	Saint Lucia	
Central African Republic	Kenya	Saint Vincent and the Grenadines	
Chad	Kiribati	Samoa	
Chile	Kuwait	San Marino	
China	Kyrgyzstan	Sao Tome and Principe	
Colombia	Lao People's Democratic Republic	Senegal	
Comoros	Latvia	Serbia	
Congo	Lebanon	Seychelles	
Cook Islands	Lesotho	Sierra Leone	
Costa Rica	Liberia	Singapore	
Cote d'Ivoire	Libya	Slovakia	
Croatia	Liechtenstein	Slovenia	
Cuba	Lithuania	Solomon Islands	
Cyprus	Luxembourg	South Africa	
Czech Republic	Madagascar	Spain	
Democratic Republic of the Congo	Malawi	Sri Lanka	
Denmark	Malaysia	Sudan	
Djibouti	Maldives	Suriname	
Dominica	Mali	Sweden	
Dominican Republic	Malta	Switzerland	
Ecuador	Marshall Islands	Tajikistan	
Egypt	Mauritania	Thailand	
El Salvador	Mexico	Timor-Leste	
Equatorial Guinea	Micronesia, Federated States of	Trinidad and Tobago	
Eritrea	Monaco	Togo	
Estonia	Mongolia	Tunisia	
	Montenegro	Türkiye	

STATEMENT OF CONFIRMATION

On behalf of (name of firm or organization): _____, I hereby attest and confirm that:

- a) The firm/organization possesses the legal status and capacity to enter into legally binding contracts with the Commission for the supply of equipment, supplies, services or work.
- b) The firm/organization is not insolvent, in receivership, bankrupt or being wound up, and not under administration by a court or a judicial officer, and that it is not subject to the suspension of its business or legal proceedings for any of the foregoing reasons.
- c) The firm/organization has fulfilled all its obligations to pay taxes and social security contributions.
- d) The firm/organization has not, and that its directors and officers have not, within the last five years been convicted of any criminal offense related to professional conduct or the making of false statements or misrepresentations as to their capacity or qualifications to enter into a procurement or supply contract.
- e) The Commission, in the event that any of the foregoing should occur at a later time, will be duly informed thereof, and in any event, will have the right to disqualify the firm/organization from any further participation in procurement proceedings.
- f) The firm/organization did not/will not attempt to influence any other bidder, organization, partnership or corporation to either submit or not submit a proposal/bid/quotation.
- g) The firm/organization will not, in the absence of a written approval from the Commission, permit a person to contribute to, or participate in, any process relating to the preparation of a Quotation/Bid/ Proposal or the procurement process if the person:
 - a. at any time during the 12 months immediately preceding the date of issue of the Solicitation was an official, agent, servant or employee of, or otherwise engaged by the Commission;
 - b. at any time during the 24 months immediately preceding the date of issue of the Solicitation was an employee of the Commission personally engaged, directly or indirectly, in the definition of the requirements, project or activity to which the Solicitation relates.
- h) Neither the organization/firm, its parent entities (if any), nor any of its subsidiary or affiliated entities (if any) have been identified on, or associated with any individual, groups, undertakings and entities identified on, the list established pursuant to the UN Security Council Resolution 1267 (Consolidated Sanctions List).¹
- i) Neither the organization/firm, its parent entities (if any), nor any of its subsidiary or affiliated entities (if any) are subject to any form of sanction imposed by an organization or body within the United Nations System, including the World Bank.

¹ The Consolidated United Nations Security Council Sanctions List can be found on the following website:
<https://www.un.org/securitycouncil/content/un-sc-consolidated-list>

- j) Neither the organization/firm, its parent entities (if any), nor any of its subsidiary or affiliated entities (if any), is engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.
- k) Neither the organization/firm, its parent entities (if any), nor any of its subsidiary or affiliated entities (if any) will use the funds received under contracts/purchase orders with the Commission to provide support to individuals, groups, undertakings or entities associated with terrorism.
- l) The prices in the firm/organization's proposal/bid/quotation have been arrived at independently, without consultation, communication or agreement with any other interested companies, competitor or potential competitor with a view to restricting competition.
- m) The Commission shall have the right to disqualify the firm/organization from participation in any further procurement proceedings, if it offers, gives or agrees to give, directly or indirectly, to any current or former staff member of the Commission a gratuity in any form, an offer of employment or any other thing of service or value, as an inducement with respect to an act or a decision of, or a procedure followed by, the Commission in connection with a procurement proceeding.
- n) The Commission shall have the right to disqualify the firm/organization from participation in any further procurement proceedings if it does not disclose to the Commission any situation that may appear as a conflict of interest, and if it does not disclose to the Commission if any official or professional under contract with the Commission have an interest of any kind in the firm/organization's business or any kind of economic ties with the firm/organization.
- o) The firm/organization expressly agrees to abide by the United Nations Supplier Code of Conduct.¹

Name (print): _____

Signature: _____

Title/Position: _____

Place (City and Country): _____

Date: _____

¹ <https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct>

VENDOR PROFILE FORM (VPF) – FOR PRODUCTS/SERVICES/WORK

1. Name of Company:		
2. Street Address:	3. Telephone:	
P.O. Box: City:	4. E-Mail:	
Zip Code: Country:	5. Website:	
6. Contact Person: Title:		
7. Legal Status (e.g. Partnership, Private Limited Company, Government Institution)		
8. Year Established:	9. Number of Employees:	
10. Gross Corporate Annual Turnover (US\$m)*:	11. Annual Export Turnover (US\$m)*:	
12. Type of Business/Products: Manufacturer <input type="checkbox"/> Sole Agent <input type="checkbox"/> Supplier <input type="checkbox"/> Other <input type="checkbox"/> (please explain)		
13. Type of Business/Services/Work: Engineering <input type="checkbox"/> Civil Work <input type="checkbox"/> Governmental Institution <input type="checkbox"/> Other <input type="checkbox"/> (please explain)		
14. References (your main customers, country, year and technical field of products, services or work): **		
15. Previous Supply Contracts with United Nations Organizations (over the last 3 years)** <div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> Organization: Value in US\$ Equivalent: Year: </div> <div style="display: flex; justify-content: space-between;"> Organization: Value in US\$ Equivalent: Year: </div>		
16. Summary of any changes in your company's ownership during the last 5 years:		

* Please provide a copy of the most recent audited annual report and accounts. Note: Export includes services or work performed abroad or for foreign clients.
 ** Please provide supplementary documentation on these items.

17. List of Products/Services/Work offered:	
Product/Service/Work #	Product/Service/Work Description

18. This section shall be **signed and stamped** by an official legally authorized to enter into contracts on behalf of your organization:

Name:	Title:	Signature:	Date:
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Bank Details Bank Name: Bank Address: Exact Account Holder Name:	Beneficiary Details Beneficiary Name: <small>(exactly as stated on bank statements)</small> IBAN: <small>(if applicable)</small> Account number: SWIFT/BIC: ABA/Sort Code:
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Additional Details (if applicable)

 Correspondent bank:

 Correspondent account number:

 Correspondent SWIFT/BIC:

 Tax Identification Number:

FOR CTBTO USE ONLY		
Evaluated By:	Initials	Date:
Updated By:	Initials	Date:
Remarks:		

* Please provide a copy of the most recent audited annual report and accounts. Note: Export includes services or work performed abroad or for foreign clients.
 ** Please provide supplementary documentation on these items.